



**Paul G. Allen School of
Computer Science & Engineering
University of Washington**

Graduation Celebration

Hec Edmundson Pavilion

Friday, June 8, 2018

Paul G. Allen School of Computer Science & Engineering

Graduation Program

- 6:00 Welcome
Hank Levy, Allen School Director and Wissner-Slivka Chair
- Commencement Speaker
Harry Shum, Executive Vice President, AI and Research Group, Microsoft
- Bachelor of Science Processional
Presented by Dan Grossman, Professor and Allen School Deputy Director
- ACM Student Chapter Teaching Award
Presented by Aishwarya Mandyam, ACM Chair, and Karishma Mandyam, ACM Vice Chair
- Undergraduate Service Award
Presented by Crystal Eney, Director of Student Services
- Outstanding Undergraduate Honors Thesis Award
Presented by Tom Anderson, Warren Francis and Wilma Kolm Bradley Chair
- Faculty Research Mentor Award
Presented by Dan Grossman, Professor and Allen School Deputy Director
- Outstanding CS and CE Senior Awards
Presented by Hank Levy, Allen School Director and Wissner-Slivka Chair
- Bob Bandes Memorial Excellence in Teaching Awards
Presented by Ruth Anderson, Senior Lecturer
- Master of Science Processional
Presented by Pedro Domingos, Professor and Graduate Program Coordinator, Professional Master's Program
- Allen School Alumni Impact Award
Presented by Ed Lazowska, Bill & Melinda Gates Chair, and Hank Levy, Allen School Director and Wissner-Slivka Chair
Honorees: Yaw Anokwa (Ph.D., '12) and Eileen Bjorkman (B.S., '79)
- Hooding of Doctor of Philosophy Recipients
Presented by Arvind Krishnamurthy, Graduate Program Coordinator, Ph.D. Program
- 8:00 Closing Remarks
Hank Levy, Allen School Director and Wissner-Slivka Chair
- Reception to follow on Hec Ed concourse

Computer Science & Computer Engineering Graduates

— Bachelor of Science —

Neil Abburi	Logan Billingsley
Hassan Abdi	Camille Birch~
Shadman Abedin	Anirban Biswas
Advaith Achan	Cory Black
Christopher Addison	Kristen Autumn Blackburn
Justin Adsuaara	Christopher Bo
Isaac Ahn	Ollin Boer Bohan
John Akers	Tyler Bonnell
Emily Allaway	Kaj Bostrom
Tariq Amireh	Evan Brossard
Sierra Anderson	Hiep Can
Natalie Andreeva	Jackson Daniel Cannon
Jack Armstrong	Cathy Cao
Carmin Atrops	Tianchi Cao
Steven Austin	Gabe Carroll
Ahmed Awwad	Katherine Carter
Megan Banks~	Tony Caruso
Joshua Bean	Bruno Castro-Karney*
Steven Benaloh	William Ceriale
Sachin Bharati	Ricky S. Chai
Kevin Bi	Amanda Chalfant~

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Computer Science & Computer Engineering Graduates

— Bachelor of Science —

Brian Chan	Malcolm Daigle*
Kathryn Chan	Alexander Heiting Davis
Kevin Chang	Garrett Deardorff~
Nicholas Chang	Sowmya Janakiram Dharanipragada
Riley Chang	Andrew Dowling
Novin Changizi	Jie Du
Adrienne Chen	Toby Dunkelberg
Allen Chen	Jack Eggleston
Erica Chen	Vadim Eksarevskiy
Travis Chen	Noah Elliott
Zelina Chen	Jackson Embrey
Dongshuo Cheng	Vladimir Ermoshkin
Ahhyun Esther Cho	Ron Fan
Joonhyoung Cho	Calvin Fei
Jacob Chong	John Feltrup~
Juan Marvin Chrisniady	Tiago Ferreira
Andrew Chronister	Alexander Fling
Austin Chu	Tyler Fost
Hongxin Chu	Matt Gaylor
Zack Chua	Adam Geller
Matthew Chun	Thomas (TJ) Gilbrough

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Computer Science & Computer Engineering Graduates

— Bachelor of Science —

Peter Giseburt	Kieran Hess
Max Glass	Eric Ho
Michael Gofman	Erik Hoberg
Ananth Gottumukkala	Andy Hong
David Grant	Isis Hong
Kellan Grant	Rio Hoshi
Abigail Gray	Johan How
Eric Green	Kathryn L. Howland
Keegan Griffee	Chen-chung Ben Hsu
Add Gritman	Hao Hu
Ryan Grose	Daniel Hua
Yifan Gu	Yilun Hua
Anthony Ha	Bingbing Huang
Ian McKenzie Hadden	I-Chia Huang
Sepehr Hakami	Brice Hulse
Livia Diandra Halim	Miri Hyman
Ryan Halim	Yuki Ito
Glenn Hanawalt	Sean Jaffe
Carmen Hanish~	Divye Pratap Jain
Shobhit Hathi	Linxing (Preston) Jiang*
Hannah Hertzog~	Wei Jiang

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Computer Science & Computer Engineering Graduates

— Bachelor of Science —

Joseph Jimenez	Janelle Lee
Hans Stephen Jorgensen	Michael Lee
Sarang Joshi*	Felix Leeb
Terry Jung	Emily Jeanne Leland
Shawn Kang	Alexander Lent
Austin Kelley	Alexander Leung
Samuel Kesala	Ori Levari
Cody Kesting	Cameron Lewis
Bernard Kim	Boren Li
Daniel Kim~	Boyan Li
Kevin Kim	Daniel Li
Yunjung Kim	David Li
Michael Kinkley	Shubo Li
Kevin Kitts	Ziling Li
Conner Knight	Lilian Liang
Sravan Konda	Joshua Lim
Shilpa Kumar	Halden Lin
Harrison Kwik	Wei Lin
David Lanman	Matthew Lipinski
Dang Le	Antony Liu
Angel Lee	Xi Liu

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Computer Science & Computer Engineering Graduates

— Bachelor of Science —

Volodymyr Loyko	Arielle Menn
Jiayao (Clara) Lu*	Vaish Menon
Nicholas Lunceford	Tyler Mi
Brian Lunder	Ryan Milem
Han Luo	Steven Miller
Chen Ma	Nicholas Mooney
Hirotooshi Maeda	Clara Moore
Alison Maher	Tristan Moore
Joshua Marble	Andres Munoz-Alvarez
David P Marchuk	Andrew Murray
Garrett Marconet	Miya Natsuhara
Lauren Martini	Jessica Negara
Bryce Martz~	Matthew Neldam
Robert Marver*	Vladislav Neoberdin
Edward Matsushima	Kha Nguyen
Ethan Mayer	Thomas Nguyen
Andrew McCoy	Saidutt Nimmagadda~
Hayden McCraw	Aishwarya Nirmal
Christine McCreary	Michael Notter
Melissa Medsker (Galloway)	Andrew Nusalim
Vardhman Mehta	Gunnar Olson
Kennan Mell	Dennis Orzikh

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Computer Science & Computer Engineering Graduates

— Bachelor of Science —

Alia Paddock	Ryan Rowe
Leon Pan	Andrii Sagaidak
Deric Hua Pang	Carina Salcedo
Kaidi Pei	Sandip Samantaray
Anna E. Pendleton	Ayush Saraf
Michael Petrochuk	Naveena Sathiyamoorthy
Luan Pham	Miles Harrison Saul
David Porter	Alexander Schuy
Meredith Porth	Jessica Schwartz~
Jeffrey Potasky~	Aakash Sethi
Viviane Poulain	Yifan Shao
Sudharsan Prabu	Amin Shaykho
Abhijit Pranam	Dawei Shen
Michelle Prawiro	Akshat Shrivastava
Adilene Pulgarin	Jacob Slagle
Josh Quichocho	Isabella Smith
Gary Ramli	Sam Smith
Rajneil Rana~	John Snyder
Logan Ringer	Anne Michelle Soedal~
Maggie Robinson	Clarissa Song
Matthew Rockett	Yifei Song
Nicholas Rollock	Josh Spires

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Computer Science & Computer Engineering Graduates

— Bachelor of Science —

Matthew Staehely	Dan Duy Tran
Jaden Stock	Khanh Tran
William Strimling	Quan Tran
Austin Stromme	Tracy Tran
Xinyu Sui	Dorothy Truong
Colin Danger Summers*	Quyên Truong
Bowen Sun	Joshua Tsen
Chenfan Sun	Alex Tsun
Cindy Suario	Ryan Turner
Vlad Suslikov	Lane Van Elderen
Clara Sutton	Raquel Nicole Van Hofwegen
Mark Swardstrom	Katherine Van Koevering~
Christine Ta	Alexandra Vertin
Jason Tan	Weilin Wan
Kaicheng Tan	Case Wang
Ganda Tandia	Diana Wang
Bader Tayeb	Eric Wang
Kyaw Thant	Lingjiao Wang
Jeremy Thunell	Michael Wang
Mark Toda	Shen Wang
Yuma Tou	Tianqi Wang
Allen Tran	Tianyi Wang

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Computer Science & Computer Engineering Graduates

— Bachelor of Science —

Ye Wang	Su Ye*
Zhixing Wang	Felix Yeung
Jacob Ward	Lian Yu
Justin Warner	Michael Yu
Logan Weber	Qiang Yu
Derek Wenger	Bryan Yue
Madeline Wessels~	Michelle Yun
Casey Williams-Smith	Brendon Zhang
Abigail Wilson	Han Zhang
Jason Winters	Jingwei Zhang
Christine Wolf	Lingyue Zhang
Jonathan Wolf	Lisa Qun Zhang
Erika Wolfe	Simone Zhang
David Wong	ZeZhi Zheng
Nathan Wong	Alex Zhou
Rebecca Wong	Jianhao Zhou
Cameron Wright	Kaitlyn Zhou
Daisy Xu	Sujie Zhou
Yiyang Xu	Yina Zhu
Marisa Yamasaki	Yuhao Zhu
Qian Yan	Evan Zien
Hongtai Yang	Andrew Zunt

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Computer Science & Engineering Graduates

— Master of Science —

John Abercrombie	Miranda Edwards	Vishal Kalra
Jorge Aguirre	Archibald Elliott	Alok Karnik
Nicholas Anderson	Viktor Farkas	Michal Kucharski
Kumar Arjunan	James Ferguson	Puneet Kumar
Victor Arndt Mueller	Jordan Fitzgibbon	Michael Lee
Giedrius Bacevicius	Christian Gonzalez	Todd Li
Gagan Bansal	Wallace Greathouse	Shu Liang
Walter Cai	Maxim Grechkin	Lucy Lin
Justin Chan	Helga Gudmundsdottir	Tzu-Ling Lin
Aravind Chandrasekaran	Austin Guess	Xi Lin
Irving Chen	Meghna Gupta	Johannes Linder
Hyunsu Cho	Mehrdad Hessar	Kui Kui Liu
Christopher Clark	Dan Ho	Yao Lu
Elizabeth Clark	Maxwell Horton	Steven Lyubomirsky
Meghan Cowan	Jingchen Hu	Varun Mahadevan
Phillip Dang	Waylon Huang	Skandha Maiya
Varun Darbari	Haoyang Huang	Megan McGrath
Jonathan Donovan	Benjamin Jones	Alon Milchgrub
Matthew Durak	Tomer Kaftan	Taylor Millett
Krzysztof Dziemborowicz	Angapparaj Kalimuthu	Jared Moore

Computer Science & Engineering Graduates

— Master of Science —

Chandrakana Nandi	John Thickstun
Cody Ohlsen	Rosa Thomas
Hao Peng	Alexander Viktorov
Vikram Praveen Kumar	Krishna Vinnakota
Jordan Raisher	Laura Vonessen
Anuja Ranjan	Alexander Vrhel
Annabelle Richard	Chenglong Wang
Sixto Rios	Robert Weber
Nicholas Ruhland	Qingda Wen
Maarten Sap	Daric Wichers
Vinoth Sathappan	Xin Yang
Hunter Schafer	Paul Yau
Saikat Sen	Jeannette Yu
Helgi Sigurbjarnarson	Michael Yu
Amarpal Singh	Andres Zendejas Frias
Brian Smith	Jianyang Zhang
Gabriel Spil	Zhitao Zhang
Kendall Stewart	Qiao Zhang
Eric Swanson	Kaiyu Zheng
Amanda Swearngin	

Computer Science & Engineering Graduates

— Doctor of Philosophy —

Danielle Bragg	Calvin Loncaric
Jonathan Bragg	Yao Lu
Eric Butler	Lauren Milne
Safiye Celik	Eric Mullen
Daniel Epstein	Stuart Pernsteiner
Abram Friesen	Cyrus Rashtchian
Maxim Grechkin	Aditya Sankar
Luheng He	Haichen Shen
Justin Huang	Makrand Sinha
Antoine Kaufmann	Jingjing Wang
Kenton Chiu Tsun Lee	Kanit Wongsuphasawat
Hanchuan Li	Mark Yatskar
Shu Liang	Irene Zhang
	Qiao Zhang

Commencement Speaker

Harry Shum

Executive Vice President, Artificial Intelligence and Research Group



Harry Shum is executive vice president of Microsoft's Artificial Intelligence (AI) and Research group.

He is responsible for driving the company's overall AI strategy and forward-looking research and development efforts spanning infrastructure, services, apps and agents. He oversees AI-focused product groups including Bing and Cortana. He also leads Microsoft Research, one of the world's premier computer science research organizations, and its integration with the engineering teams across the company.

Previously, Dr. Shum served as the corporate vice president responsible for Bing search product development from 2007 to 2013. Prior to his engineering leadership role at Bing and online services, he oversaw the research activities at Microsoft Research Asia and the lab's collaborations with universities in the Asia Pacific region, and was responsible for the Internet Services Research Center, an applied research organization dedicated to advanced technology investment in search and advertising at Microsoft.

Dr. Shum joined Microsoft Research in 1996 as a researcher based in Redmond, Washington. In 1998 he moved to Beijing as one of the founding members of Microsoft Research China (later renamed Microsoft Research Asia). There he began a nine-year tenure as a researcher, subsequently moving on to become research manager, assistant managing director and managing director of Microsoft Research Asia and a Distinguished Engineer.

Dr. Shum is an IEEE Fellow and an ACM Fellow for his contributions to computer vision and computer graphics. He received his Ph.D. in robotics from the School of Computer Science at Carnegie Mellon University. In 2017, he was elected to the National Academy of Engineering of the United States.

Allen School Alumni Impact Award

Each year, the Paul G. Allen School recognizes two alumni who have made outstanding contributions to computing and to society. The Alumni Impact Awards showcase how our former students are using their education to change the world for the better. Our 2018 recipients, Yaw Anokwa and Eileen Bjorkman, each exemplify this principle in their own way — demonstrating how a computer science education offers multiple avenues to achieving success and making an impact.

Yaw Anokwa (Ph.D., '12)

Yaw Anokwa has worked as an electrical engineer for Raytheon, a research scientist for Intel, an informatician for Partners in Health, and a software engineer for Google. He calls on these experiences in engineering, management, and academia to solve meaningful problems in developing communities. Since 2011, Anokwa has worked at Nafundi, a software consulting company he co-founded to create technologies that improve the lives of underserved populations, with an emphasis on replacing paper-based workflows with mobile apps built on the Open Data Kit (ODK) platform.

Anokwa co-created ODK, a set of free, customizable mobile and cloud-based tools for data collection, while earning his Ph.D. under the guidance of the late professor Gaetano Borriello and alumnus Tapan Parikh (Ph.D., '07). Organizations around the world have used ODK to collect and act on digital records for a variety of purposes, including public health, wildlife conservation, elections monitoring, and more. Thanks in part to Anokwa's efforts to build a robust community within the ODK ecosystem, the ODK website has seen traffic from nearly every country, and millions of users are estimated to have used ODK or its derivatives worldwide. Anokwa also contributed to OpenMRS, an open-source, electronic medical records system designed to improve patient care that is used in more than 50 countries.

Anokwa was honored for his contributions with the UW College of Engineering's Diamond Award for Distinguished Service in 2015. He previously received the 2011 UW Graduate School Medal recognizing his efforts to combine academic expertise with social awareness to promote political, cultural, and social change. Before arriving at UW, Anokwa simultaneously earned bachelor's degrees in computer science and electrical engineering from Butler University and Indiana University–Purdue University Indianapolis, respectively.

Allen School Alumni Impact Award

Eileen Bjorkman (B.S., '79)

Eileen Bjorkman's career took off — literally and figuratively — following her graduation from UW. After a brief stint as a programmer, she joined the United States Air Force and earned a second degree in aeronautical engineering. She would become only the sixth woman to enroll in the Air Force's Test Pilot School, and subsequently notched over 700 hours of flight time in more than 25 different aircraft as a flight test engineer, instructor, and test squadron commander.

On the ground, Bjorkman combined her background in computing and aviation in a variety of staff and director positions involving modeling, simulation, analysis and joint testing. She was in charge of air-to-air combat modeling to evaluate how adjustments to a jet's aerodynamics and systems would affect the outcome of dogfights. She later commanded the 846th test squadron, overseeing the testing of high-speed missile delivery systems at the Holloman High-Speed Test Track, and the 746th, testing global positioning system (GPS) satellites. Upon her retirement from active duty, Bjorkman continued to serve her country in a civilian capacity. She is currently the Deputy Director of Programs, Deputy Chief of Staff for Strategic Plans, Programs and Requirements, overseeing the \$605 billion Future Years Defense Plan for investing in technology, equipment, and personnel.

Along the way, Bjorkman earned two master's degrees — in aeronautical engineering and national resource strategy — and a Ph.D. in systems engineering from The George Washington University. In her spare time, she has clocked more than 2,000 hours of civilian flight time. An avid writer, Bjorkman has penned articles for *Air & Space Magazine*, *Aviation History*, the *Daily Herald* of Everett, and others. In 2017, she fulfilled a lifelong dream by publishing her first book, *The Propeller under the Bed: A Personal History of Homebuilt Aircraft*.

**Congratulations
2017-18
Graduates!**



**PAUL G. ALLEN SCHOOL
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