

SeungJu Lee

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PROJECTS

Cryptocanvas cryptocanvas.co January 2018 - Present

World Crypto Economic Forum Hackathon Finalist

- Created a decentralized, collaborative pixel art game on Ethereum network using Solidity and web3.js

Launch Hackathon – Team ‘The Surge Club’ devpost.com/software/the-surge-club February 2016

Google Prize Winner, Uber Prize 2nd Place and Lyft Prize 3rd Place

- Implemented data pipeline that scrapes event data to Uber Surge spots prediction engine using Python and MySQL

Flow TV flowtv.live October 2015

- Built a YouTube video broadcasting web application which aims to be the next iTunes library of videos

GlobalHack Hackathon – First Place Team ‘The Force’ – Awarded \$50,000 February 2014

Sales pipeline analytics web application based on Salesforce API and machine learning algorithms

- Implemented a sentimental analysis model using Naive Bayes classifier that predicts the sentiment of sales process

EMPLOYMENT

Twitch, San Francisco, CA June 2016 – Present

Software Engineer - Clips

- Implemented language feature of Clips by backfilling data, indexing SQL columns and creating a REST API endpoint
- Developed Clips Manager feature which allows search and deletion of Clips. Optimized PostgreSQL indexes to allow searching.
- Integrated REST API into GraphQL and migrated legacy JavaScript infrastructure to React and Redux framework

Splice Machine, St. Louis, MO June 2014 – August 2014

SQL-on-Hadoop database startup based on Apache HBase and Apache Derby

Software Engineer Intern

- Developed an admin console that visualizes distributed Hadoop/HBase clusters using AngularJS and D3.js
- Ran “Data Hackathon” which tested the durability and efficiency of software by running tests on public data

United Nations Interim Force in Lebanon (UNIFIL), Tyre, Lebanon July 2012 – March 2013

Network Management Sergeant (E-5) and Platoon Leader

- Graduated from Republic of Korea Army Signal School at the top of the class
- Administered MySQL, MS Server, Cisco Routers, UN VPN, and Intranet on VSAT/VHF/HF for wartime operation

Groupon Korea, Seoul, Korea May 2011 – August 2011

Product Manager Intern

- Contributed to 25% growth (3.3M to 4.4M) of daily email subscribers by running A/B tests on 1.3M users
- Successfully led a mobile coupon promotion deal which was redeemed by more than 50K users

LG Electronics Levant, Amman, Jordan December 2010 – January 2011

Marketing Research Intern

- Conducted a market research on the smartphone market strategy by interviewing over 20 retailers and 100 consumers

EDUCATION

Washington University in St. Louis, St. Louis, MO September 2009 – December 2015*

Bachelor of Science in Computer Science and Bachelor of Applied Science in Electrical Engineering, Class of 2015

* Leave of absence from 2011 to 2013 due to compulsory military conscription

AWARDS ACTIVITIES

Awards: UN Medal - awarded by the United Nations secretary general Ban Ki-Moon

Activities: Amateur HAM radio operator (call sign DS1POR) since 2003 and DJ since 2009 (music.sjlee.me)