

# Lawrence Luk

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## Work Experience

### **Senior Software Engineer @ Poynt**

Sept 2015 - Present

Worked on the architecture, design, and implementation of

- **Settlements App** in React. Used over 2 million times by merchants to review and settle transactions
- **Merchant HQ** in Ember. Engaging 40% of our merchant base and enabling them to manage their businesses, exchange messages with customers, and view detailed reports and analytics
- **Mission Control** in Ember. An internal dashboard for the administration of every Poynt merchant, providing unprecedented control and the ability to diagnose and support live merchant issues
- **Cloud Register** in Ember. A register app that handles 2.6x larger catalogs than traditional solutions with fully-featured tax calculations and custom items, discounts, and prices
- **Marathon** in Vue. An internal testing platform to aid in visualization and automation of regression testing, reducing time spent manually testing and raising confidence in feature releases
- **ATC** in Ember. A multifunctional portal for third-party developers and resellers, empowering partners collectively responsible for 50,000+ terminals
- **Poynt.com** on Ghost. Single-handedly built the entire Poynt.com marketing site on a configurable blogging platform, increasing impressions by 7% and page interaction by 46%

### **Product Engineer Intern @ Squarespace**

Jun 2015 - Sept 2015

- Made extensive use of React to develop components for Squarespace e-commerce merchants
- Worked closely with design to develop an interface for merchants to intuitively manage inventory
- Participated in agile workflow and learned best practices for code review, testing, and deployment

### **Software Engineer @ Microsoft**

Jun 2014 - Sept 2014

- Designed and implemented a search module for Bing and Cortana
- Presented my work with Bing search technologies to the MSN web development team
- Wrote the discography section for celebrity musician pages on MSN Entertainment

### **CSE Tutor @ UC San Diego**

Jan 2015 – Jun 2015

CSE 11: Introduction to Computer Science, Java II

- Attended lab hours, giving students personal feedback and assistance on assignments
- Graded programming assignments and lead discussions for over 200 students at a time

## Projects

### **Buy This, With That (<https://buythiswiththat.com>)**

Nov 2017

- A tool developed in React for comparing cryptocurrency prices across assets and exchanges
- Built assets using Gulp and deployed to Digital Ocean server secured with Let'sEncrypt SSL
- Tracked most popular cryptocurrencies across 30,000 unique uses

## Education

### **University of California, San Diego**

Bachelor of Science in Computer Science; GPA: 3.46

*Graduated June 2016*

**Skills:** Javascript, Node.js, Ember.js, Vue, React, CSS (Stylus), HTML (Pug), Java