

## Industry Experience

9/25/2017

to 12/15/2017

### Software Development Engineer Intern

Amazon.com, Inc. • Seattle, WA

- Developed and documented one-time-password verification for payment screens.
- Built views and integrated with internal authentication services using custom SCSS and internal Scala and Java frameworks and libraries.
- Participated in weekly sprint meetings.
- Added support for customer phone number input to meet sudden team deadline.
- Improved team's new-hire on-boarding documentation.

8/1/2016

to 9/22/2017

### Lead Software Engineer

Leasera, LLC. • Seattle, WA

- Maintained existing views written in SCSS, Bootstrap, jQuery, and Ruby on Rails ERB.
- Created new views as React apps using Redux and Apollo GraphQL.
- Designed MySQL schema. Wrote DB migrations, SQL transactions, and ORM code.
- Maintained server infrastructure; configured EC2, Jenkins, Nginx, SSL, MySQL, Redis.
- Wrote mobile application using React Native, Redux, and Apollo GraphQL.
- Integrated 3rd-party APIs such as Stripe, Zillow, TransUnion, Twilio, Mailgun, etc.
- Lead team in goal setting and deadline planning. Reported estimates to CEO.

8/15/2014

to 6/24/2016

### Junior Software Engineer

ThruHealth, LLC. • Bellevue, WA

- Authored and maintained marketing website and blog with CSS, jQuery, and PHP.
- Developed multiple views using CSS, Bootstrap, jQuery, and Laravel Blade.
- Constructed web crawlers to pull online health-care data ontologies using C#.
- Wrote utilities to parse and normalize HL7 electronic health records using Java.
- Created mobile applications using Ionic 1.0.

## Personal Projects

### NEAT Trading Bot — June 2017 to Present

A self-evolving neural network I wrote for trading cryptocurrencies real-time using the Neuro-Evolution of Augmented Topologies (NEAT) algorithm, in C# (migrating to Rust) and TensorFlow.

### ConsiderEat — May 2017 to September 2017

A now defunct company I co-founded which built an app using Apollo GraphQL and React Native that allows restaurants to sell leftover food for a discount price to locals before closing.

### ibsurvey.com — August 2014 to June 2015

A website I created for my high school's International Baccalaureate (IB) program to help survey students. Built using CSS and Laravel.

### Empire — May 2011 to June 2013

A clone of the Age of Empires 2 Genie Game Engine that runs in flash, which I created with the intention of founding an online MMO RTS game. This was made using ActionScript3, VB.NET, IIS, and MSSQL.

## Major Courses Completed

- Software Design and Implementation *Java*
- Systems Programming *C, C++*
- Artificial Intelligence, also Synthetic Biology *Python*
- Operating Systems *C, Assembly (x86)*
- Data Structures and Parallelism *Java*
- Foundations of Computing I and II *Logic, Statistics*

## Contact Information

### Phone

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### Email

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### Location

Seattle, WA 98103

## Public Profiles

### Github

github.com/AlexLeung

### LinkedIn

linkedin.com/in/alex-l-leung

## Front-End

React Redux React Native Vue  
Relay Webpack Electron MobX  
Angular Ionic jQuery HTML5  
SCSS/LESS CSS ActionScript3

## Server-Side/Embedded

Node.js Koa Docker Kubernetes  
Java Scala Rust TensorFlow  
C# ASP.NET IIS C C++ VB  
PHP Nginx Apache Hypervisors  
Rails x86-64 Windows \*Nix  
RethinkDB MongoDB Neo4j Go  
MSSQL MySQL SQLite Python  
Redis Kafka Raft / Paxos / PBFT

## Full-Stack

Apollo GraphQL TypeScript

## Soft Skills

Agile Scrum Kanban  
Time Management Estimation  
Test-Driven Development  
Ownership Accountability