

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) with 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
(425) 471-8377

Email
alex.l.leung@gmail.com

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