Software Engineer • Quantitative Analyst • Entrepreneur

Major: Bachelor of Science in Computer Science **Minor:** Entrepreneurship

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

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Email

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Location

Seattle, WA 98103

Public Profiles

Github

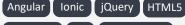
github.com/AlexLeung

LinkedIn

linkedin.com/in/alex-l-leung

Front-End







Server-Side/Embedded







Redis Kafka Raft / Paxos / PBFT

Full-Stack

Apollo GraphQL TypeScript

Soft Skills

Agile Scrum Kanban

Time Management | Estimation

Test-Driven Development

Ownership Accountability