

ALEXANDER LUCKERMAN

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WORK EXPERIENCE

Coinbase

Software Engineer

August 2021 - present

- Served as launch DRI for 14 partner-funded ad campaigns with expected revenue of \$35 million and 1 task that drove 100,000 app connections
- Built full-stack flow for adding translations, increasing reach to customers across 29 countries in 18 languages
- Developed actionable cards after learning content, increasing key metrics of traffic and purchase rates by 18% and 40%, respectively
- Improved processes, documentation, and engineering burden of launches: reduced setup time by 75%, onboarded 3 engineers, and added ~2,000 words to docs
- Worked with Golang, React, PostgreSQL and TypeScript

Capital One

Software Engineering Intern

June 2020 - August 2020

- Developed a full-stack application for testing and deploying machine learning models into AWS
- Saved roughly 25 weeks of developer time and upwards of a million dollars per new model deployment
- Built a Golang API and backend for validating and testing Docker images and deployed it with ECS and Lambda
- Used React, Amazon Web Services, Docker SDK and collaborated with two interns on an agile kanban team

Vanderbilt University Computer Science

January 2019 - April 2020

Teaching Assistant

- Hold weekly office hours and assist students with topics in C++, program design, and software engineering
- Assess students' code and grade programming assignments and exams

Comcast

May 2019 - August 2019

Software Systems Engineering Intern

- Implemented a standardized logging format and improved usability via four new query parameters in a Go API
- Reduced existing unit test run times by 22% (from 60.4s to 47.1s) using the Protractor and Jasmine frameworks
- Extended unit testing coverage and improved workflow for common tasks in an AngularJS web application
- Contributed to the open source Apache Traffic Control project (CDN management software) working on an agile scrum team

EDUCATION

Vanderbilt University, Nashville, TN

May 2021

Bachelor of Science in Computer Science and Human & Organizational Development

3.77/4.0 GPA

Honors: Peabody Scholars Program

PERSONAL PROJECTS

OpenPrices

November 2022 - December 2022

- Created the first web application for average consumers to open and make sense of very large (multiple GBs) healthcare transparency files in the browser, allowing them to compare prices for various procedures in a given geographical area for a given health insurance plan
- Built with TypeScript, Svelte, Bulma, and a small custom API written in Golang

Routedoors

October 2018

- Created a web application that takes an origin point from a user and a desired total distance and randomly generates a corresponding running route using the Google Maps API during HackGT 2018
- Built the front-end web interface using HTML5, JavaScript, CSS, and jQuery

SKILLS AND AWARDS

Skills: Golang, TypeScript, React, Linux, C++, Docker, Python, HTML5, Amazon Web Services (AWS), Git, Node/NodeJS, full-stack development, test automation | Awards: Boy Scouts of America — Eagle Scout Award (2017)