

STEVEN FOUNTAIN

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Education

Master of Science, Computer Science

Northeastern University, **Khoury College of Computer Sciences**, Seattle, WA

December 2022

Relevant Coursework: Algorithms & Data Structures, Scalable Distributed Systems, Web Dev

Bachelor of Arts

University of Washington, Bothell, WA

June 2011

- 2011 Business Plan competition winner

Technical Knowledge

Programming Languages: Python | Java | MySQL | JavaScript

Libraries & Tools: Django | React | PyCharm | VS Code | Vim | Git

Certificates: Front-End Web Development - University of Washington

Professional Experience

Software Engineer I

December 2022 - Present

Rover.com, Seattle, WA

- Member of the Payments Team working in MySQL, Python and JavaScript

Software Engineer Intern

June 2022 - September 2022

Rover.com, Seattle, WA

- Member of the Payments team supporting the payin and payout REST API within Rover's Django backend
- Wrote and presented an implementation plan to allow deactivation of 'Stripe Connected Accounts' enabling CX agents to quickly resolve payout issues for Providers; considering risks, tradeoffs and scope
- Practiced Agile methodologies in a two-week sprint with daily stand-ups and ticket estimations; triaging high-priority bugs

UX Lab Technician

January 2014 - July 2020

Harman at Microsoft, Redmond, WA

- Oversaw daily operations of three-18 station playtest labs and 11 multi-purpose labs, testing and configuring labs based on Researcher specifications
- Diagnosed and repaired Crestron control panels, Extron switchers, IP PTZ cameras, gaming PCs and consoles, leveraging product documentation to ensure 98% lab uptime

Projects

Trip Sharing Web App

October 2022 - December 2022

- MERN Project where users can view, manage and share trips
- Integrated third-party libraries such as Google Maps and Google Login

Cryptography Web App

February 2022 - May 2022

- Deployed a web application with a React frontend and Flask API
- Allows users to encrypt plaintext and decrypt ciphertext using shift, substitution and affine cipher algorithms

To-Do Application

April 2021 - May 2021

- Java program to parse command line arguments and writes a To-Do list to CSV file
- Implemented an error logger to identify argument issues and display suggestions
- Achieved Junit test coverage of 95%

Checkers Game

November 2020 - December 2020

- Developed a python application allowing users to play checkers against an AI opponent
- Added a feature to display moves when selecting a piece by querying dynamically generated list of moves