

Erica Li

69 Brown St. Mail #6354 Providence, RI 02912
401-239-8658 erica_li@brown.edu

Education

Brown University

Providence, RI

Intended major in Computer Science and Economics

Expected May 2022

- GPA: 3.80/4.00; SAT: 1510 (780 Math/730 Reading)
- Relevant Coursework: Computer Systems Security, Intro to Computer Systems, Statistical Inference I, Intro to Discrete Math and Probability, Intro to Algorithms and Data Structures, Intro to Object-Oriented Programming

Work Experience

Terrasoft Ltd.

Calgary, Canada

Terrasoft provides information software services for major oil and gas companies

Software Engineer Summer Intern

June 2020 – Aug 2020

- Developed mobile applications for Android and iOS platforms using Android Studio and Xcode
- Added new features including speech-to-text and image capture functionalities

Go2 Software LLC

Providence, RI

Go2 creates software products that help developers understand and utilize Amazon Web Services (AWS)

Software Engineering Summer Intern

Jun 2019 – Aug 2019

- Programmed new feature with Python, AWS S3, Comprehend, and DynamoDB that improved user navigation for listing of 1,000+ AWS Event sessions each year
- Created program for the Go2 database that tracks the release, update, and working status of all 10,000+ AWS product features
- Presented finished programs to the CEO, which were adopted into the Go2 user interface

Projects

Swipe Me In, *HackPrinceton Fall 2019, personal project*

- Web application created with Python, HTML/CSS, and JavaScript to connect Brown students who cannot afford meals with other students with extra meal swipes

Shell, *Introduction to Computer Systems*

- Linux shell terminal application programmed in C that parses user input, executes built-in and system commands, and receives signals from the user

Paint 2, *Introduction to Object-Oriented Programming*

- A JavaFX application resembling Windows Paint that allows users to draw and adjust the size, rotation, and position of shapes, undo and redo each action, and save and load the file

Leadership & Extracurricular Experience

Time Spent

Providence, RI

Startup creating a platform that helps people find others willing to teach them a specific skill (e.g., language)

Software Engineer

May 2020 – Present

- Evaluated design and functionality requirements for web application including user security, such as with per-user salting and session functionality
- Created a minimum viable product to present to startup advisor, using Python, Flask, and PostgreSQL

WBRU (Brown University Radio Station)

Providence, RI

Chief Finance Officer, Former Marketing Director

Sep 2018 – Present

- Managed team of 8 students with goal of increasing video viewership and podcast listenership by 200%
- Presented business results to WBRU CEO (former CNN President John Klein) during quarterly board meetings; increased listenership by 150% in one semester in 2018

Skills & Interests

Skills: Java, Python, C, C++ (Proficient); AWS (Intermediate); HTML/CSS, JavaScript (Beginner)

Languages: Limited working proficiency in Chinese and French

Interests: Badminton, hiking, reading thriller novels, cooking, photography, film