Erica Li

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Education

Brown University   **Providence, RI**
B.S. in Computer Science and Economics   *Expected May 2022*
- GPA: 3.84/4.00; SAT: 1510 (780 Math/730 Reading)
- Relevant Coursework: Creating Web Apps, Computer Systems Security, Intro to Computer Systems, Statistical Inference I, 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 an Android mobile app by converting existing web application using Android Studio
- Added new features to mobile app including authorization security check, voice translation, location positioning, and enabled image capture functionalities
- Improved accessibility and user experience of web application for 400+ mobile users

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 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

Leadership & Extracurricular Experience

Brown Computer Science Department   **Providence, RI**
Teaching Assistant, Computer Systems Security   *Jan 2021 – Present*
- Collaborated with Professor Bernardo Palazzi and 10 TAs to update course of 80+ students to transition online
- Worked to update course assignments, facilitate weekly office hours, and hold and teach in-class demos

Time Spent   **Providence, RI**
Startup building a platform that helps connect people and learn specific skills (e.g., languages)
Software Engineer   *May 2020 – Present*
- Evaluated design and functionality requirements for web application including user security i.e. per-user salting and session functionality
- Created a minimum viable product to present to startup advisor, using Python, Flask, and PostgreSQL

WBRU (Brown University Student Multimedia Company)   **Providence, RI**
Chief Finance Officer, Former Marketing Director   *Sep 2018 – Present*
- Managed team of 10 students and increased podcast listenership by 200% in two semesters in 2019
- Presented business updates to CEO (former CNN President John Klein) during semi-annual board meetings
- Launched paid summer internship program for 15 students to create media content and develop marketing plan

Skills & Interests

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