CAROL LIANG

Los Angeles, CA 90007
508.816.1405

github.com/cchuqiao   carollia@usc.edu

EDUCATION

University of Southern California   **Los Angeles, CA**
B.S. Computer Engineering and Computer Science, GPA: 3.90   *Expected Dec 2021*
Involvement: USC Symphony Orchestra (1st Violin), Theta Tau (Treasurer), Scope

Boston University   **Boston, MA**
Computer Engineering, GPA: 3.81 (Honors College, Dean's List)   *Sep 2017 – May 2019*

SKILLS

Languages:	C/C++, Java, Python, C#, MATLAB, Javascript, HTML/CSS, SQL
Operating Systems:	Linux, Windows, MacOS
Software:	Git, MySQL, MERN (MongoDB, Express, React, Node.js), Ember.js, Jira, TestNG, JQuery

WORK EXPERIENCE

Stripe   **New York, NY**
Incoming Software Engineering Intern   *Starting May 2021*

Splunk Technology   **San Francisco, CA**
Software Engineering Intern   *June 2020 –August 2020*

- Worked on the core Indexing team to optimize usability and performance of Splunk's native cloud storage solution
- Shipped features in C++ that improved restart times by up to 40%, reducing maintenance durations for cloud customers
- Implemented a complete restructure of local data by introducing a global manifest which improved download times by 35%

LinkedIn   **San Francisco, CA**
Software Engineering Intern   *Sep 2019 – Dec 2019*

- Designed and tested features toward the platform-wide web application as a full-stack engineer on Flagship Search team
- Developed full stack features using Java and Ember.js for user feedback collection that launched to over 60 million users
- Collaborated across AI and Data Science teams to publish new data models, ship features, and synthesize user data

Intel Corporation   **Portland, OR**
Software Engineering Intern   *June 2019 – Aug 2019*

- Developed features on the Multimedia and Security Team for Intel's flagship Unite 360º video conferencing software
- Integrated speaker detection and multichannel audio capability into the WebRTC stack in C/C++ and C# for face tracking
- Created, profiled, and tested software with PortAudio APIs, SocWatch, GN, Ninja, and Git using Agile methodologies

Boston University   **Boston, MA**
Applied Algorithms Teaching Assistant   *Feb 2019 – May 2019*

- Garnered understanding of runtime complexities, essential algorithms, and data structures to assist students in office hours
- Wrote Python scripts to automate grading of 70+ programming assignments and completed all class projects and labs

RapidSOS (Healthcare Tech Startup)   **New York, NY**
Operations Strategy Intern   *June 2018 – Aug 2018*

- Wrote and analyzed comprehensive finance and business continuity policies that were formally published by executives
- Processed 30+ software integration requests per week by consulting with engineering/product teams to develop solutions

LEADERSHIP/ACTIVITIES

Fun Facts: Award-winning violinist (toured Norway), commissioned oil painter (portraits and pets), enjoys dark-humored books

Director of Business Development   **Boston, MA**
TechTogether   *March 2018 – Feb 2020*

- Raised over $400k with team of 3 through strategic corporate sponsorships to drive the world's largest female hackathon
- Built new initiatives such as the TT Fellowship Program, presentations at Capitol Hill, and diversity training workshops

Student Affairs Chair, Society of Women Engineers @ USC   *June 2020 – Present*