CHRISTOPHER GONG

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EDUCATION

University of California, Berkeley Berkeley, CA

B.A. in Computer Science, Expected May 2021

Major GPA: 3.85

Selected Coursework: Structure and Interpretation of Computer Programs (Fall 2017), Data Structures and Algorithms (Spring 2018), Designing Information Devices and Systems I (Spring 2018), Discrete Mathematics and Probability Theory (Fall 2018), The Foundations of Data Science (Fall 2018)

PROFESSIONAL EXPERIENCE

Jr. Software Developer Cerritos, CA

L3 Networks Sept 2016 – June 2017

- Led 3-person team to develop cross-platform software to detect patterns in log files; correlated patterns to events and cloud-based storage and notification through Microsoft Azure and Elastic Stack.
- Reduced workload by several man-hours per week with automated notification for suspicious activities.
- Utilized ASP.NET and SQL Server on Linux and Windows environments. (Python and C#)

Academic Intern Berkeley, CA

UC Berkeley Lab Assistant Jan - May 2018

- Assisted in lab and office hours for an introductory computer science class at UC Berkeley for 65+ hours.
- Taught mini-lectures and explained CS concepts such as recursion, object-oriented programming, and inheritance on a weekly basis one-on-one to over 50 students.

EXTRA-CURRICULARS/PROJECTS

Hungry May 2018 - Present

Restaurant Recommender Mobile Application

Developed a personalized restaurant recommender application and algorithm, utilizing Google's new mobile UI framework, Flutter. Maps a user's preferences and each restaurant (data from the Yelp API) as points, and provides recommendations based on the shortest Euclidean Distance between user and restaurant.

CyberPatriot Sept 2016 – June 2017

Northrop Grumman Cyber-defense Competition

Competed in a CyberPatriot team and placed in the Gold National Division. Coordinated and led bi-weekly seminars about Windows and Ubuntu vulnerabilities to prepare high school students for competition. Increased membership by 50% over two semesters. Developed curriculum based on our adviser, a full time Cybersecurity Engineer.

Webcast Enhancement Tool Summer 2018

Chrome Extension

Created a chrome extension that reduces unused space from 46% to under 3% to enhance the viewing experience of online webcasts. Implemented using JavaScript, jQuery, and HTML. Offers users zoom and resizing functionality.

SKILLS

Languages: Java, Python (Expert), Dart, SQL (Proficient), HTML, CSS, JavaScript, LaTeX (prior experience)

Conversational in Chinese and Shanghainese

AWARDS

Eagle Scout, Troop 693 May 2017

Model United Nations Best Delegate Dec 2016