

Eric Chen

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Education

University of California, Los Angeles

September 2018 – December 2020

B.S. in Computer Science

GPA: 3.40

Associations: Theta Tau Webmaster, Association of Bruin Engineers

City College of San Francisco

June 2016 – May 2018

GPA: 3.94

Professional Experience

Viasat | Software Engineer Intern

June 2019 – September 2019

- Deployed software improvements including bug fixes, new features, and refactoring in C# to Viasat's Visual Integrated SATCOM Information, Operation, and Networking (VISION) Simulator, which simulates managing UHF SATCOM resources with a team in an Agile environment using JIRA and Perforce for project management.
- Reduced software development time by 5-10 minutes for each software build by implementing a database for VISION Simulator. Utilizing SQL server with Entity Framework's Code-First approach for persistent storage and quicker access times to expedite the set-up process for the marketing team.
- Implemented 19 database tables with one-to-one and one-to-many relationships in C# and providing support for warm start operations on VISION Simulator.

City College of San Francisco | Teaching Assistant

August 2017 – December 2017

- Troubleshoot administrative and course-related issues related to procedural programming for students in the introductory Java computer science course to streamline the teaching process for the instructor.
- Clarified high-level conceptual issues for various topics such as fundamentals for object-oriented programming.

Technical Projects

ViaSlackers

July 2019

- Developed a Slackbot in a team that integrated an ultrasonic sensor connected to a Raspberry Pi to detect the distance of the most immediate object in a team at Viasat's DevHack.
- Implemented a web scraper in Python that defined company acronyms from the company's Wiki page for the Slackbot and deployed it as a Flask application using Heroku as a platform.

Pet Adoption

December 2018

- Implemented a website in a team environment that simulates the pet adoption process digitally with features for consumers like a search filter to find a pet stored on Google's Firebase and an application in HTML and CSS.

Technical Skills

Programming Related Skills

C#, Python, C, C++, Perforce, Git, Bash, Emacs, Excel, HTML, CSS, XCode, Visual Studio Pro

Relevant Coursework

- | | |
|---|---------------------------------|
| • Data Structures & Algorithms | • Operating Systems Principles |
| • Objected Oriented Programming | • Human-Computer Interaction |
| • Linear Algebra & Differential Equations | • Computer Vision (In Progress) |

Awards and Honors

UCLA Dean's Honors List

Fall 2018

Maisin Scholar Award Recipient

June 2016