



DYLAN CERONIO

Computer Scientist looking for
Full-Time Software Engineering
Opportunities

Hello, I am a recent graduate from the San Jose State Computer Science program, receiving my Bachelors degree with honors and Magna Cum Laude. I am currently looking for full time positions in the Bay Area and around the USA. I have strong knowledge of Java, C, and Python, as well as other technologies. I continually try to improve my skills and learn new things through online practice.

Software Development Skills

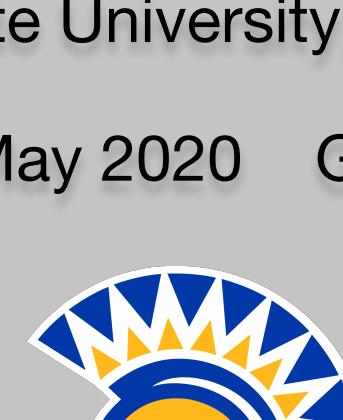


Education

B.S. in Computer Science

San Jose State University, San Jose, CA

Graduation: May 2020 GPA: 3.84/4.00



Awards

Magna Cum Laude: Spring 2020

Computer Science Department Honors: Spring 2020

Deans Scholar: Fall 2017, Spring 2018, Fall 2019

Presidents Scholar: Fall 2018, Spring 2019

Basic Certificate in Cybersecurity Fundamentals: Fall 2019

Eagle Scout, Boy Scouts of America, Nipomo, CA, achieved rank in 2016

Spartan Connect Website, SJSU Social Platform

Technologies Used: JavaScript, HTML, CSS, Cypress, MongoDB, node.js, Google Passport, Git, EJS

- Features: Google SSO using SJSU email, personal profile, chatroom, campus map, club directory, and calendar with event creation
- Unit Tested and page tested using cypress
- Worked with group of seven using SCRUM project management and AGILE development techniques



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Disconnected Networks YouTube Senior Project

Technologies Used: Python, Click, YouTube Data API, JSON

- Designed to allow for asynchronous YouTube video downloads for those with limited internet access
- Implemented client that creates JSON requests for video downloads
- Created server that downloads and compresses videos from YouTube Data API
- Designed JSON response schema for download requests and server responses

Piman Networking Project

Technologies Used: Python, Git, BitBucket, Linux, Wireshark

- Project to manage and monitor sets of Raspberry Pi's on a network
- Remotely boot Pi's with DHCP, TFTP, UDP, and then TCP
- Setup client and server running on remote Pi's that monitor time, active processes, and CPU, RAM, and disk usage
- Integrated NTP server and client that updates time on Pi's
- Worked with two separate groups of four



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