

Jayden Navarro

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github.com/JDNdeveloper

Education

Stanford University

M.S. in Computer Science (*Expected*)

Specializations: Systems, Software Theory

Sept 2018 - April 2020 | *Stanford, CA*

GPA: N/A

University of California, Santa Cruz

B.S. in Computer Science

Summa Cum Laude

Sept 2014 - June 2016 | *Santa Cruz, CA*

GPA: 3.96/4.0

Cabrillo College

A.S. in Computer Science

Aug 2011 - May 2014 | *Aptos, CA*

GPA: 3.73/4.0

Awards

University of California, Santa Cruz

- **Huffman Prize** | 2016
- **Summa Cum Laude** | University Honor
- **Highest Honors** | Computer Science

Coursework (UCSC)

Algorithms and Abstract Data Types (A+)

Algorithm Analysis (A+)*

Software Engineering I (A)*, II (A+), III (A+)

Compilers I (A+)*

Computer Networking (A+)

Comparative Programming Languages (A+)

Computational Models (A+)

Operating Systems (A+)

Computer Architecture (A)

* = received highest grade in the class

Skills

Python | C++ | C | Java | Linux | Git | Emacs

Azure | vi/vim | IntelliJ IDEA | Bash | LaTeX

Eclipse | Perforce | regex/grep | Haskell

Experience

Arista Networks | Software Engineer

June 2016 - Sept 2018 | *Santa Clara, CA*

- Worked on vEOS Router team developing a Network Virtual Appliance for cloud platforms
- Lead Google Cloud Platform and Microsoft Azure development (Hyper-V support, provisioning agent, topology generation)
- Co-lead development of High-Availability Agent for cloud networking redundancy

UCSC School of Engineering | Research Asst.

Jan 2016 - March 2016 | *Santa Cruz, CA*

- Explored the use of general purpose optimization software to identify amino acid types from chemical shifts of proteins under Nuclear Magnetic Resonance (NMR)

Arista Networks | Software Engineer Intern

June 2015 - Sept 2015 | *Santa Clara, CA*

- Worked on Link Aggregation (IEEE 802.1AX) team on feature enhancements and bug fixes
- Implemented LACP state machine logging and event monitoring system for diagnosing customer issues in the field

Projects

FAT Filesystem | Operating Systems Course

- Implemented a File Allocation Table filesystem using FUSE
- Developed multi-level API to handle different levels of abstractions in the device driver

NVMe over Fabrics | Senior Design Course

- Worked on benchmarking and assessing viability of pre-spec NVMe over Fabrics protocol
- Built automation benchmarking suite in Python

Huffman Codes | Open Source

- Developed Huffman Codes implementations in Python, C++, Java, Haskell, and Go