

Jeffrey DeGraw

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Education

Brigham Young University – *Bachelor of Science in Computer Engineering*

APRIL 2020
Provo, UT

- 3.80 GPA
- Minors: Computer Science, Mathematics
- Scholarships: BYU Academic Scholarship, Polgar Engineering Scholarship, Barrus Scholarship, HPE Intern Best In Class Scholarship

Skills

- Software: C++, Java, Android, JSON, YAML, XML
- Scripting: Python, Bash, Linux, GNU Make
- Hardware/Low-level: C, Verilog, Digital Circuit Design
- Frameworks/Tools: Github, Agile Development, Ceedling, SQLite

Professional Experience

Hewlett Packard Enterprise – *VLSI Design Verification Engineering Intern*

MAY 2019 - PRESENT
Fort Collins, CO

- Increased speed of debugging by 31% by modifying a Python script that sent GDB commands to enterprise server chips
- Solved problems correctly and thoroughly by studying various types of technical documentation and collaborating closely with team of 10
- Improved code quality of team by using GNU Make and Bash to incorporate an automatic linter/style checker into firmware builds
- Managed code quality and additions using Git version control on a team scale
- Met team needs and responsibilities by learning and making extensive use of many different languages and formats (Python, C, Bash, .hex, .bin, .yaml, .json)

BYU Department of Mechanical Engineering – *IT Technician*

JAN. 2017 - MAY 2019
Provo, UT

- Developed .bat scripts to work alongside FOG to create automated, seamless PC images for hassle-free deployment
- Troubleshooted, solved, and documented various hardware and software installation issues
- Employed work ethic and personal productivity to make progress on larger projects while providing support on assistance requests from students and professors

Awards

- 1st Place - Hewlett Packard Enterprise (Fort Collins) Intern Best In Class Competition 2019
- Nominated - BYU Student Employee of the Year 2017

Miscellaneous Projects

- Completed front-end Android client and back-end Java server that integrates with Google Maps API to map out family history events of a person
- Created personal blog/website hosted on Github pages with VuePress framework