

Jeffrey DeGraw

Software Engineer

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EDUCATION

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

Provo, UT • JAN 2017 - JUNE 2020

- 3.75 GPA
- **Computer Science** Minor
- Scholarships: BYU Academic, Polgar Engineering, Barrus Engineering, HPE Intern Best In Class

SKILLS

- Strong Experience: Java, C, C++, Python, Linux, JSON, YAML
- Frameworks/Tools: Git, Github, Agile, Salesforce, SQLite
- Minor Experience: Javascript, C#, Go, Android, XML, Makefiles

PROFESSIONAL EXPERIENCE

Avetta - *Salesforce Developer Intern*

Orem, UT • AUG 2019 - PRESENT

- Improved company-wide productivity by implementing email automation into internal Salesforce system
- Contributed to the advancement of young team by integrating Git version control and other developer tools into existing workflow
- Ensured deployment of stable software builds by accomplishing sprint cycle goals and adequately testing components before release

Hewlett Packard Enterprise - *VLSI Design Verification Engineering Intern*

Fort Collins, CO • MAY 2019 - AUG 2019

- Ensured field programmability of a server chip's EEPROM by building a firmware image bundler in Python that takes hardware configuration information from a YAML file and outputs a .bin and .hex of image in whichever endianness desired
- 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 with a team of 10
- Met team needs and responsibilities by learning and making extensive use of many different languages and formats (Python, C, Bash, .hex, .bin, .yaml, .json)

AWARDS

- 1st Place - Hewlett Packard Enterprise (Fort Collins) Intern Best In Class Competition 2019
- Nominated - BYU Student Employee of the Year 2018

SIDE PROJECTS

- Deaf Doorbell: A wireless doorbell that blinks lights using an ESP8266 and Raspberry Pi
- Personal blog/website hosted on Github pages made with VuePress framework
- Android app that integrates with Google Maps API to map out family history events of a person