

DALLIN DAHL

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EDUCATION

Brigham Young University Apr 2022
Bachelor of Science, Computer Engineering
Minor: Math & Computer Science
GPA: 3.33

4th Place Google Tech Challenge Feb 2020
National Merit Scholar Mar 2016

Relevant Coursework

Digital Systems Design	Circuit Analysis & Design	Data Structures	Computer Architecture
Embedded Programming	Signals & Systems	Linear Algebra	Computational Theory

TECHNICAL SKILLS

Proficiency

UNIX C Stack	Linux	Git	Go
SystemVerilog	Circuit Analysis	Stack-Based Programming	Bash
Embedded Programming	C++	Metaprogramming	Java
Arduino	Functional Programming	Dataflow Programming	

Junior Year

Circuit Design LTI System Analysis Assembly Language Filter Circuit Design RTL Processor Design

EXPERIENCE

Teachers Assistant – Digital Logic Design Aug 2020 - Present
Brigham Young University Provo, UT

Software and Hardware R&D Intern Sep 2018 - Apr 2019
VisualCue Technologies LLC Lindon, UT

- Implemented proof-of-concepts with Arduino
- Expedited implementation processes by 1 hour with custom utilities

Representative Sep 2016 - Aug 2018
Church of Jesus Christ of Latter-day Saints Lima, Peru

- Developed web-scraping application to increase process efficiency by 2 hours weekly
- Designed UI for data collection application
- Trained team of 16 representatives

Automated Quality Assurance Intern Jun 2014 - Aug 2016
EasyPower LLC Tualatin, OR

- Developed domain-specific language to implement new diagram components
- Increased reliability and coverage efficiency of test suite by 15%

PROJECTS

Stack VM Feb 2020
· Designed port-mapped stack-based virtual machine and assembler with extensible peripheral support

GX Apr 2020
· Implemented plumbing utility à la Plan9 in C with X-macro based static configuration