DALLIN DAHL

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EDUCATION

B.S., Computer Engineering   Apr. 2022
Brigham Young University, Provo, UT

- 4th Place Google Tech Challenge   Feb. 2020

- Relevant Coursework:

Digital Systems Design	Circuit Analysis	Data Structures
Computer Systems	Computational Theory	Linear Algebra

TECHNICAL SKILLS

- Proficient in:

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

EXPERIENCE

Softare and Hardware RD Intern   2018 - 2019
VisualCue Technologies LLC, Lindon, UT

- Contracted services to 3rd parties

- Implemented proof-of-concepts with Arduino

- Expedited implementation processes with custom utilities

Missionary   2016 - 2018
Peru Lima East Mission

- Developed web-scraping application to increase process efficiency

- Designed UI for data collection application

Automated Quality Assurance Intern   2014 - 2016
EasyPower LLC, Tualatin, UT

- Managed suite of automated tests against main product

- Increased reliability and decreased size of testing suite

- Developed domain-specific language to implement new diagram components

PROJECTS

Stack VM   Feb. 2020

- Designed Stack-based virtual machine and assembler and extensible peripheral support.

GX   Apr. 2020

- Implemented plumbing utility à la Plan9 with pre-compile configuration.