

DALLIN J. DAHL

dallinjdahl@gmail.com

663 N University Ave., Apt. 11, 84601, Provo, UT

971.238.6117

<https://dallinjdahl.github.io>

OBJECTIVE Part-time research position beginning in April.

EDUCATION Bachelor of Science, Computer Engineering to be awarded April 2022
Brigham Young University, Provo, Utah

RELATED COURSES Single Variable Calculus, Linear Algebra, Data Structures, Discrete Math, Computational Theory, Computer Systems, Designing Digital Systems, Object Oriented Programming and Design

TECHNICAL SKILLS Language Mastery, self-taught: C - since 2010, Go - since 2015, Clojure - since 2013, Bash - since 2010, C++ - since 2009

Language Proficiency: C#, Forth, Java

Technology Proficiency: Linux (used since childhood, sysadmin since high school), vim, git, Makefiles, Visual Studio, acme editor, sam editor, Functional programming (Clojure), Object-Oriented Programming (C++, C#, Java), Metaprogramming (Clojure), Dataflow Programming (Verilog), Arduino, MariaDB

WORK EXPERIENCE Software and Hardware R&D Intern, VisualCue 2018 – 2019
Provo, Utah

- Worked also as an independent contractor
- Implemented proof-of-concepts using Arduino
- Expedited implementation processes with custom utilities

Representative, Peru Lima East Mission 2016 – 2018

Immigration Specialist Nov 2017 – Aug 2018
Lima, Peru

- Served as volunteer for The Church of Jesus Christ of Latter-day Saints in Peru
- Oversaw immigration for 120 other representatives
- Supervised, provided ongoing training for team of 16
- Developed web-scraping application to increase process efficiency
- Designed UI for data collection application

Automated Quality Assurance Intern, Easy Power LLC 2014 – 2016
Tualatin, Oregon

- 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

RELATED INTERESTS Operating Systems, Embedded Systems, Transistor Level Chip Design, ECAD, Plan9, Language Design, System Design, Simplicity, C.A.R. Hoare's CSP, Security (Public-Private Keys, Encryption, Steganography), Distributed Programming, Assembly

LEADERSHIP SKILLS Zone Leader over 16 missionaries, Peru Lima East Mission Jun 2017-Sep 2017
Eagle Scout, Boy Scouts of America Apr 2016