DALLIN J. DAHL

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OBJECTIVE	Temporary full-time computer programming position with emphasis on system-level development
EDUCATION	
	Bachelor of Science, Computer Science to be awarded April 2022
	Brigham Young University, Provo, Utah
	• National Merit Scholar
RELATED COURSES	Single variable calculus Digital systems
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, SystemVerilog
	Technology Proficiency: Linux (used since childhood, sysadmin since high school), vim, git, Makefiles, Visual Studio, acme editor, sam editor, Higher-order Functions (C, Go, Clojure), Functional programming (Clojure), Procedural programming (C, Go, Bash), Dataflow Programming (SystemVerilog), Object-Oriented Programming (C++, C#, Java), Metaprogramming (Clojure), Arduino
WORK EXPERIENCE	Software and Hardware R&D Intern, VisualCue 2018 – Present
	Provo, Utah
	• Work also as an independent contractor
	• Implement proof-of-concepts using Arduino
	• Expedite 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	Smalltalk, Plan9, Language Design, System Design, Simplicity, Donald Knuth's The Art of Computer Programming — (Currently reading volume 1), C.A.R. Hoare's CSP, Security (Public-Private Keys, Encryption, Steganography), Distributed Programming, Machine Learning/AI, Assembly
LEADERSHIP SKILLS	Zone Leader over 16 missionaries, Peru Lima East Mission Jun 2017-Sep 2017
	Eagle Scout, Boy Scouts of America Apr 2016
FOREIGN LANGUAGE SKILLS	Fluent in Spanish