

ALEXANDER R. GUNNARSON

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EDUCATION

BRIGHAM YOUNG UNIVERSITY **AUG 2009—CURRENT**
Bachelor of Science, Computer Science Program

- Designing the User Experience (created an innovative web app)

Crocker Fellow, Crocker Innovation Fellowship Program

- Highly selective entrepreneurship program out of which several startups have emerged — crockerinnovationfellows.com

SKILLS

LANGUAGES

Fluent in Portuguese and Cape Verdean Creole

SOFTWARE APPLICATIONS

Clojure (**advanced**) — self-taught
HTML, CSS, JavaScript (**intermediate**)
C++ (**intermediate**)
Java (**intermediate**)
Excel macros (VBA) (**advanced**) — self-taught

EXPERIENCE

SEND OUT CARDS (W. VALLEY, UT) **APR 2014—CURRENT**
Contracted Developer & Business Analyst

- Single-handedly created efficient desktop app in Clojure and JavaFX to retrieve and analyze large volumes of financial information and push it to QuickBooks
- Implemented a visually pleasing, easy-to-use UI for this app
- Continuously maintain app, add features, tune performance

SUN PRODUCTS (SLC, UT) **JAN—MAY 2011**
Credit Memo Clerk

- Increased departmental productivity by 1000% with a macro-powered Excel spreadsheet that automated credit memo creation

PROJECTS

CLOJURE

Ramsey (in progress) — [GitHub private repository](#)

- A web app to limit spending à la the Dave Ramsey envelope system; also tracks purchases and presents financial analytics
- Implemented in ClojureScript (with Reagent, possibly to be ported to freactive) and backed by a Clojure server on Heroku
- Have ~\$6000 in funding from Crocker Fellowship already

Quantum (in progress) — github.com/alexandergunnarson/quantum

- An all-purpose Clojure library similar to [mikera/clojure-utils](#) et al.
- Adds many useful functions; improves on clojure.core performance

AWARDS

National Greek Exam—Top of BYU class (2010); National Merit Commended Student (2008); First Place, Maryland State Piano Concerto Competition (2005)