Samuel McHugh

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EXPERIENCE

Funding Circle   **Summer 2021 - Present**
Clojure Engineer   *London, the United Kingdom*
- Inherited key paths of the customer journey in need of serious improvements; Parallelized CI/CD automated testing, wrote new unit and integration tests, made the project more REPL friendly
- Mobilized management to improve team organization through confirmation of individual responsibilities

Otravo B.V.   **Fall 2018 - Summer 2021**
Clojure Web Engineer / Scrum Master   *Amsterdam, the Netherlands*
- Deliver high-value, technical improvements to the website de Vakantie Discounter including: decoupling front-end business logic and view logic though organized state management, designing unit tests and end2end tests using Cypress, and internationalizing the site for our launch into the German market
- Collaborate with teammates in an Agile Scrum environment leveraging standups, story refinements, sprint planning meetings, the Kanban methodology, JIRA and Gitlab project management tools, a GCP based CI/CD
- Sheppard exciting new features through the product life-cycle with heavy usage of A/B test tooling in VWO

Bus Buddy   **Summer 2018 - Fall 2018**
Full Stack Developer   *Remote*
- Deployed the bus ride review app, Bus Buddy, through the Google Play store which allows 200+ Peace Corps volunteers to write, and search for, reviews of Tanzanian bus companies

Peace Corps   **Summer 2017 - Summer 2018**
Math Education Volunteer   *Malangali Secondary School, Tanzania*
- Instructed the Tanzanian mathematics curriculum in my village to 100+ students in the local language, Swahili, while identifying areas in which technology could be used to further the Peace Corps mission in Tanzania

AuSIM Inc.   **Summer 2016**
Software Engineer Intern   *Mountain View, CA*
- Wrote robust microcontroller code for a sensor hub and access panel in an ongoing safety-critical project commissioned by Oculus used daily to conduct scientific experiments with 200+ participants a month

EDUCATION

Carleton College   **2017**
Bachelor of Arts in Mathematics   *Northfield, MN*

Programming Languages Project   **Spring 2017**
- Created a C-based command-line interpreter for the functional programming LISP language Racket/Scheme
- Implemented linked lists, dynamic memory allocation, garbage collection, a parser, a tokenizer, and interpreter

SKILLS

- **Front-end:** Reagent, Re-frame, Crux, TailwindCSS, PostgreSQL, REST, React.js, React Native, SocketIO
- **Programming Languages:** Clojure, Clojurescript, Javascript, Java, Python, C
- **Testing Frameworks:** Cypress, Mocha, Jest, Google Optimize, VWO, Kaocha
- **DevOps:** Kubernetes (Google Cloud Platform), Docker, Jenkins, Helm, GitLab, GitHub, CircleCI
- **Misc:** JIRA, Certified Scrum Master, Kanban, Agile, Linux, Leiningen, Graylog, Sentry, Google Analytics