Aaron Frary

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EDUCATION	**Harvard College**, Cambridge, MA A.B. in Computer Science with Mathematics secondary, May 2015.

SELECTED COURSEWORK

- Data Structures & Algorithms
- Operating Systems
- Compilers
- Symbolic Systems (MIT)
- Machine Learning
- Computer Vision

EXPERIENCE

April 2017 -
July 2019

Valt Inc. North Adams, MA

Software Engineer, founding employee

- Lead two-person team porting Valt Password Manager to Android.
- Designed and built a cross-platform back-end library in C++ for Android, iOS, and future ports of the Valt app.
- Supervised interns building prototype Valt browser extension.
- Implemented front-end designs for Valt iOS and Mac apps.
- Implemented serverless API's for cloud storage and synchronization of password data, using AWS Lambda and SNS.

June 2015 -
March 2017

MeedMobile (formerly Fiksu) Northampton, MA

Software Engineer

- Created React web UIs for internal and client-facing campaign management tools, integrating with Ruby on Rails and PostgreSQL on the backend.
- Implemented rewarded video for a single-page, WebView-based rewards app using React.
- Contributed to a library of reusable React components.
- Wrote tech specifications for major features including managed user accounts for Meed's authentication system.
- Responded to operational emergencies as part of on-call rotation.

Jan - May,
2014 & 2015

Harvard University Cambridge, MA

Teaching Fellow – CS 51: Abstraction and Design in Computation

- Taught weekly review sections and supplementary lessons.
- Supervised final projects, helping students with algorithm selection, interface design, and overall implementation plan.

ADDITIONAL SKILLS

- Programming with Ruby, Python, C++, Swift, JavaScript + React
- Experience with PostgreSQL, Redis, AWS, Git, GNU/Linux

INTERESTS Shakespeare, board games, science fiction, free (libre) software