

Timothy Casimer Siwula

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SUMMARY

Hi I'm Tim, I grew up in Chicago and studied Computer Science at the University of San Francisco. The technology that I am passionate about and am looking to continue working as a research or software engineer are the following: open source, developer tools, command line experiences, distributed systems, blockchain protocols, ethereum, computational linguistics & peer to peer systems.

PROFESSIONAL EXPERIENCE

Research Assistant JAN 2017 - MAY 2017

Democratize Computing Lab

- Contributed to an open source MIT project called App Inventor
- Worked on a javascript to java translator and code generator

Software Implementation Intern MAY 2015 - AUG 2015

Independent Contractor

- Lead project management and training of manufacturing software installation and configuration
- Trained staff on software workflow features while interfacing between branch and parent company IT department

Science Web Programmer Intern MAY 2014 - OCT 2014

Lawrence Berkeley National Laboratory

- Ported a linux OS and network file system to a new architecture
- Developed a front-end web application using javascript on google cloud

Developer JAN 2014 - MAY 2014

University of San Francisco

- Supported clients and backend engineers to resolve web service requests
- Migrated existing backend software to Wordpress

EDUCATION

University of San Francisco JAN 2014 - MAY 2017

B. S. Computer Science

- Relevant Coursework: Data Mining, Software Development, Data Structures & Algorithms, Parallel Programming, Programming Languages, Operating Systems, Linear Algebra & Probability, Discrete Math, Calculus, Compilers

PROJECTS

Co-founder JAN 2017 - Present

HappyChain (YC Startup School)

www.happycha.in

- Deployed: private Ethereum blockchain network, PostgreSQL database, API, solidity smart contracts
- Configured: continuous integration with our GitHub repo to increase deployment speedup
- Published: NPM module that called HappyChain that exposes our API to other developers

TECHNICAL SKILLS

- **Programming Languages:** Java, C, R, Javascript, SQL, Solidity
- **Platforms:** Linux, Ethereum, AWS, Heroku
- **Languages:** English, Chinese