

Timothy Casimer Siwula

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SUMMARY

Hi I'm Tim, I grew up in Chicago and finished my undergraduate degree in Computer Science at the University of San Francisco. I am looking to continue working as a research or software engineer on the following technologies: ethereum blockchain protocols, distributed systems, computational linguistics & smart contracts.

EDUCATION

1/14 — 5/17: B. S. Computer Science @ University of San Francisco **San Francisco**

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

EXPERIENCE

1/17 — 5/17: Research Assistant @ Democratize Computing Lab **San Francisco**

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

5/15 — 8/15: Software Implementation Intern @ Independent Contractor **Phoenix**

- 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

5/14 — 10/14: Science Web Programmer Intern @ Berkeley Labs **Berkeley**

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

1/14 — 4/14: Developer @ University of San Francisco **San Francisco**

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

PROJECTS

1/17 — Present: Co-founder @ HappyCha.in - www.happycha.in **San Francisco**

- 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, Google Cloud, macOS, Heroku
- **Languages:** English, Chinese