

Tim Siwula

(917) 885-3119

timsiwula@gmail.com

<https://github.com/timxor/>
<https://linkedin.com/in/timsiwula/>

EDUCATION

• University of San Francisco

Bachelor of Science in Computer Science

San Francisco, CA

Jan 2014 - Graduation May 2017

TECHNICAL SKILLS

- **Languages:** Kotlin, Java, Python, Swift, Rust, Haskell, Go, C, R **Technologies:** Unix/Linux, AWS/Azure/GCP, Docker, Hadoop, PostgreSQL, Git, Terraform, Kubernetes

EXPERIENCE

• Acceptance AI

Software Engineer

Chicago, IL (Remote)

Dec 2019 - Present

- **Kotlin Chess Bot:** Designing an AI Chess Bot that users can play with
- **Python VPN:** Building a VPN application for iPhone written in Python and Django

• Ensignen

Software Engineer

Chicago, IL (Remote)

Jun 2019 - Oct 2019

- **Dockerized test framework on Bamboo:** Worked between teams to port legacy test framework from protractor to cypress within docker.
- **Data pipeline:** Updated Redshift and Hadoop tables in ETL pipeline to support new column for enhanced reporting capability.

• ConsenSys

Software Engineer

San Francisco, CA (Remote)

Jul 2017 - Dec 2018

- **Java Enterprise Ethereum Client:** Worked with an Agile team that developed a Enterprise Ethereum Client to compete with HyperLedger, donated to Apache Foundation
- **Rust API for Generating Ethereum Wallets:** Exposed an API written in Rust that would then spawn a child process with the Parity CLI tool and capture and store result in PostgreSQL database
- **Haskell Side-chain:** Augmented existing Haskell side-chain client to request/transfer transaction data from another node used P2P networking

• HappyChain

Co-founder

San Francisco, CA

Dec 2016 - Jun 2017

- **Deployed:** Ethereum blockchain network on AWS, PostgreSQL database, API, solidity smart contracts, web3.
- **Configured:** continuous integration with our GitHub repo to increase deployment speedup.
- **Published:** NPM module that called HappyChain that exposes our API to other developers.

• Lawrence Berkeley National Laboratory

Science Web Programmer

Berkeley, CA

May 2014 - Oct 2014

- **System Migration:** Ported the Energy Sciences network testbed to a new architecture. This consisted of a linux OS and a network file system.
- **Reservation System:** Developed a front-end web application using javascript on google cloud.

• University of San Francisco

Research Assistant

San Francisco, CA

Spring 2014 and Spring 2017

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