Tim Siwula
(917) 885-3119
timsiwula@gmail.com
https://github.com/timxor/
https://linkedin.com/in/timsiwula/

Education

- **University of San Francisco** — San Francisco, CA
  Bachelor of Science in Computer Science — *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** — Chicago, IL (Remote)
  Software Engineer — *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
- **Ensighten** — Chicago, IL (Remote)
  Software Engineer — *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** — San Francisco, CA (Remote)
  Software Engineer — *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 databasse
  - **Haskell Side-chain**: Augmented existing Haskell side-chain client to request/transfer transaction data from another node used P2P networking
- **HappyChain** — San Francisco, CA
  Co-founder — *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** — Berkeley, CA
  Science Web Programmer — *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** — San Francisco, CA
  Research Assistant — *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.