

Tim Siwula
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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
- **Ensignten** 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 database
 - **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.