

**Tim Siwula**  
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## EDUCATION

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- **University of San Francisco** San Francisco, CA  
*Bachelor of Science in Computer Science* Jan 2014 - Graduation May 2017

## TECHNICAL SKILLS

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

## EXPERIENCE

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- **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.
- **ConsensSys** 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.