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Timothy Siwula

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1 Technical Skills

[leftmargin=*] **Languages**: Python, Go, C, R, Bash, SQL, Java   **Technologies**: Unix/Linux, AWS/Azure/GCP, Docker, Hadoop, PostgreSQL, Git, Terraform, Kubernetes   **Frameworks**: Node.js, React.js, TensorFlow

2 Experience

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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*

- ○ **Open-source**: Experience in open source development as an individual contributor on Blockchain R&D, Solidity, Web3, Smart Contracts, functional programming.
- ○ **Infra**: Experience provisioning Azure linux servers for teammates, along with ssh remote access.
- ○ **Continuous Integration**: Configured our teams GitHub repo with Travis CI to ensure the exclusion of failing code while automating passing builds.
- ○ **Shipped**: Worked on the Protocol & Systems Engineering team helping implement Pantheon, an Ethereum enterprise Java client.

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*