

# TIMOTHY SIWULA

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## EDUCATION

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**University of San Francisco**  
Bachelor of Science Computer Science

San Francisco, CA  
Jan 2014 - May 2017

## EXPIERENCE

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**Sophos**  
*Software Engineer*

Chicago, IL (Remote)  
Jan 2022 - Present

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**Acceptance AI**  
*Software Engineer*

Chicago, IL (Remote)  
Jan 2020 - Present

- Integrated backend Node.js API with Zoom's OAuth API, JWTs & LIT Protocol JS SDK
- Enabled support for Zoom webinar API via OAuth credentials

**Enlighten**  
*Software Engineer*

Chicago, IL (Remote)  
Jun 2019 - Dec 2019

- Added a new data feed to existing ETL pipeline using Redshift and Hadoop
- Ported legacy angular test framework to cypress.js

**ConsenSys**  
*Software Engineer*

San Francisco, CA (Remote)  
Jul 2017 - Dec 2018

- Contributed to the implementation of the enterprise Java Ethereum client
- Contributed to Ethereum peer-to-peer gossip protocol open source implementation

**HappyChain**  
*Co-founder*

San Francisco, CA  
Jan 2017 - Aug 2017

- Deployed Ethereum blockchain full node client on AWS that communicated with our Node.js API Server
- 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.

## TECHNICAL SKILLS

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Languages: Java, Python, C, R, Bash, Rust, Go, SQL

Technologies: Linux, AWS, Docker, Hadoop, Terraform, Node.js, TensorFlow, Terminal

## PROJECTS

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**Custom DNS Resolver** *Node.js, IPFS*  
Open source domain name server (DNS) library

<https://github.com/timxor/happy-ens>

**Kaggle Prediction** *R, PostgreSQL*

[https://github.com/timxor/click\\_prediction](https://github.com/timxor/click_prediction)

Used random forests, bagging and SVM to create a model that predicts the likelihood of a user clicking through