TIMOTHY SIWULA

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EDUCATION

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

PROFESSIONAL EXPERIENCE

Acceptance AI   (Remote) Chicago, IL
Software Engineer   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

Ensighten   Remote / Chicago, IL
Software Engineer   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   Remote / San Francisco, CA
Software Engineer   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   San Francisco, CA
Co-founder   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   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.

Sophos   Remote / Chicago, IL
                                                              January 2022 - Present

TECHNICAL SKILLS

Programming Languages:	Java, Python, C, R, Bash, Rust, Go, SQL
Technologies:	Linux, AWS, Docker, Hadoop, Terraform, Node.js, TensofFlow, Terminal

PROJECTS

HappyENS *Node.js, IPFS*   https://github.com/timxor/happy-ens
Open source domain name server (DNS) library

Kaggle Ad Click Prediction *R, PostgreSQL*   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

The Comedy Bot *Node.js, AWS, Twilio*   https://github.com/timxor/messenger_chatbot
- Published: Messenger chatbot that was live in production on Facebook. Deployed a Heroku node server that calls AWS lambda for requests & Twilio sms chatbot.

TECHNICAL ACHIEVEMENTS

Winning Hackathon Team   ETHWaterloo
Recognized for creating the most awesome DNS-to-ENS project at a hackathon.   October 2017

Published/Authored HappyChain NPM module   HappyChain
Published: HappyChain API SDK via node package module.   2017

Salesforce Hackathon Participant   Salesforce
sdf   2014

ACM ICPC Participant   wdf
dsf   2014