

EDUCATION

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

EXPERIENCE

- **Siwula Software, LLC** Chicago, IL
Freelance Software Engineer Jan 2019 - Present
 - **Computer Vision:** Designed a data pipeline that allows for realtime model updates.
- **ConsenSys** 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.
 - **Tested:** Worked with the Ethereum Foundation to benchmark new opcodes & pre-compiles for the Metropolis hard fork.
 - **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 and Web Assistant Spring 2014 and Spring 2017
 - **Research Assistant - Compilers:** Contributed to an open source MIT project called App Inventor. Worked on a javascript to java translator and code generator.
 - **Web Assistant - Web Services:** Helped update and migrate existing content management system. Provided support to academic staff and engineers to resolve web services requests.

PROJECTS

- **HappyENS:** Open source library for resolving *.eth domains that are associated to an address on the decentralized web.
- **The Comedy Bot:** Published: Messenger chatbot that was live in production on Facebook & Deployed: Heroku node server that calls AWS lambda for requests & Twilio sms chatbot.

TECHNICAL SKILLS

- **Languages:** Java, C, Python(beginner), Solidity, Javascript, Go(beginner), Rust(beginner), Haskell(beginner), Swift(beginner)
- **Frameworks:** TensorFlow(learning), Node.js, Rect.js, React Native
- **Technologies:** AWS, Git, Docker, Heroku, PostgreSQL, Machine Learning(basic regressing & classification), GCE, Azure, Kubernetes