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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:** Java, Nodejs, Python, Vuejs, C, R
- **Technologies:** Linux, AWS, Docker, Hadoop, PostgreSQL, Git, Terraform

## EXPERIENCE

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- **Carepoint Pharmacy** Chicago, IL  
*Software Engineer* *Oct 2022 - Present*
  - **Segment API Integration:** Integrated segment analytics into C# and .NET backend for many user API calls
  - **Data Automation Background Worker:** Created a daily service that downloads
- **Sophos** Chicago, IL (Remote)  
*Software Engineer* *Jan 2022 - May 2022*
  - **Enhanced internal API:** Increased developer velocity by refactoring and decoupling internal AWS SQS library
  - **Docker container testing:** Increased docker container stability by 20% by diagnosing and writing variable sized performance tests.
- **Acceptance AI** Chicago, IL (Remote)  
*Software Engineer* *Jan 2020 - Jan 2022*
  - **Zoom OAuth Integration:** Integrated a backend Node.js library with Zoom's OAuth API using JWTs
  - **Webinar API Integration:** Enabled support for Zoom webinar API calls via OAuth token credentials.
- **Ensignen** 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*
  - **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

## PROJECTS

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- **HappyENS:** Open source domain name server (DNS) library for resolving \*.eth domains that are associated to an address on the decentralized web.
- **Ad Click Prediction:** Used random forests, bagging and SVM to create a model that predicts the likelihood of a user clicking through. Created custom features by integrating several disjoint tables in increments of 500K using R and Postgres.
- **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.