

Cynthia Wu

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EDUCATION

Georgia Institute of Technology

Master's of Science, Computer Science

Relevant courses:

- * Knowledge Based Artificial Intelligence
- * Machine Learning
- * Human Computer Interaction
- * Data Analytics and Security

University of California, Berkeley

B.A. Operations Research and Management Science, B.A. Public Health

Relevant courses:

- * Structure, Interpretation of Computer Programs
- * Data Structures
- * Probability Theory
- * Data Computing

EXPERIENCE

Relativity - Software Engineer

August 2019 - Present

- Built and maintained Tier 1 highly available services that form the platform's authentication system, reaching over 5 9's availability.
- Developed and enhanced centralized authentication systems used by shared services.
- Built out CI/CD Jenkins pipelines to easily validate, build, promote, and deploy code and services in Kubernetes with Istio service mesh.
- Developed a new solution for Just-In-Time user provisioning, automating user creation and improving security controls.
- Implemented TOTP authenticator app based two factor authentication feature.
- Migrated user management based applications into CI/CD applications.
- Helped achieve FedRAMP certification by setting up two Tier 1 services in the government cloud environment and meeting government standards.

OmniceLL - Software Engineer

September 2016 - July 2019

- Designed and developed microservices to compliment and streamline the workflows of nurses and pharmacists.
- Migrated business logic in monolithic application to a microservices based architecture.
- Built backwards compatible software that is both functional within monolithic and microservices based system.
- Created unit and integration tests to test deliverables and determine root cause analyses.
- Created release notes for feature work completed during each sprint cycle.
- Monitored microservices applications to quickly respond to incidents and potential defects.

SKILLS

Languages: Python, Java, C#, C++, SQL, VFP, HTML, CSS, JavaScript

Other: Agile (Scrum), Visual Studio, SIGMA, AMPL, R, Git, Jenkins