Sam **Hu**

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Education

Cornell University *Ithaca, NY*
B.A., COMPUTER SCIENCE & ECONOMICS *Aug 2016 – Dec 2019*
    GPA: 3.71; College of Arts & Sciences; Dean's List Spring/Fall '18

Experience

Okta *San Francisco, CA*
SOFTWARE ENGINEER [GOLANG, TYPESCRIPT] *Jan 2020 – Present*
- Currently working remotely; involved in full-stack development of new compliance and auditing features for enterprise customers
- Helping to coordinate professional and social events for the company's first remote summer internship program
- Will relocate to San Francisco headquarters once circumstances improve

SOFTWARE ENGINEER INTERN [JAVASCRIPT, HTML, CSS, JAVA] *Jun 2019 – Aug 2019*
- Shipped a highly anticipated feature that allows admin users to manage device lifecycles and user enrollment on the Okta platform
- Took full ownership of this feature by implementing the user interface, integrating with REST APIs, and writing Jest/Selenium tests
- Led a hackathon project to analyze AWS usage and found a potential to save 2-10% of monthly cost via smarter resource policies

Charles River Development *Burlington, MA*
SOFTWARE ENGINEER INTERN [JAVA] *Jun 2018 – Aug 2018*
- Restructured a service within the company's flagship software product that handles crucial processes for OTC derivatives trading
- Developed a proof of concept to improve the extensibility and modularity of the service by using open-source packages
- Presented my proof of concept for upgrading the service architecture to upper engineering management

Howard Hughes Medical Institute *Chevy Chase, MD*
IT BUSINESS ANALYST INTERN [SQL, VISUAL BASIC] *May 2017 – Aug 2017*
- Increased internal financial reporting efficiency by 66% by developing a database application that automates data reconciliation
- Led stakeholder meetings to determine requirements, create user stories, deliver progress updates, and gather feedback
- Established and fulfilled a clear timeline for designing, developing, testing, and documenting the project deliverable

Cornell Business Analytics *Ithaca, NY*
PROJECT MANAGER (EXTRACURRICULAR) *Feb 2018 – May 2020*
- Managed two project teams of student analysts providing pro-bono business and technical consulting services to industry clients
- Led client meetings, set team agendas, and guided technical design to ensure the timeliness and quality of each deliverable
- Project descriptions are listed below

Cornell Intramural Sports *Ithaca, NY*
SUPERVISOR, REFEREE (PART-TIME) *Aug 2016 – Dec 2019*
- Enforced policies and resolved conflicts among participants to promote a fun and safe recreational space for the Cornell community
- Managed, trained, and evaluated about 20 new officials each semester as part of a team of student supervisors
- Officiated over 600 matches across soccer, volleyball, basketball, and flag football (since 2012)

Projects

Customer Review Sentiment Analysis *Python - Scikit-learn, spaCy*
Implemented a feature for a startup e-commerce review provider that helps businesses *Cornell Business Analytics*
analyze consumer sentiment toward certain products using natural language processing

Survey Response Database *R, SQL, Python*
Architected and implemented the backend for an internal-use web application that queries a *Cornell Business Analytics*
database of 168,000 consumer survey responses as a project for a major U.S. CPG company

Skills

Coding Languages: Java, Python, Golang, JavaScript, HTML/CSS, SQL, C++, OCaml, Visual Basic, R
Software Proficiencies: Git, Bash, React, Selenium, Cypress, NumPy, Scikit-learn, NLTK, spaCy, Postgres, Stata, Tableau, LaTeX
Selected Coursework: Statistics, Econometrics, Financial Accounting, Public Finance, Machine Learning, Ethics in Engineering
Hobbies and Interests: Soccer, Volleyball, Hiking, Skiing, Snowboarding, Petting dogs, Quentin Tarantino films, Classic rock