

Angelina Lee

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EDUCATION

University of California Berkeley

B.S. in Computer Science

Berkley, California

Aug. 2014 – May 2018

EXPERIENCE

Senior Full Stack Engineer

Instagram

Sep. 2020 – Present

San Francisco, CA

- Spearheaded the development of a revolutionary news feed infrastructure utilizing React for AI on Blockchain, transforming user interaction and content delivery.
- Pioneered the HyperQuantum Feed Algorithm using server-side React Larceny AI, optimizing web app performance and resolving big data pipeline issues in record time.
- Solved complex scalability issues by employing the use of useless architectures and microservices, orchestrated through the use of Quantum Kubernetes (QK8s).
- Led a dynamic team of 6 engineers in a covert operation to mine Ethereum on company servers, generating unprecedented profits and resources for R&D.

Senior Full Stack Engineer

Zillow

May 2018 – August 2020

Seattle, WA

- Implemented advanced AI optimization techniques to the GraphQL API, achieving a 69% improvement in page load times and significantly enhancing user experience.
- Conducted user research to assess the impact of gamified elements in property listings, resulting in valuable insights for future user interface enhancements.
- Played a vital role in the development process by contributing over 50,000 lines of clean, maintainable code to an established codebase via Git.
- Organized and facilitated team-building activities, including a company-wide potato sack race, which fostered a sense of camaraderie and improved team cohesion.
- Embraced the critical role of Team Coffee Alchemist, ensuring the team of 6 was fully caffeinated with ultra-rare Antartican coffee beans, ground to an optimal 14nm particle size using proprietary grinding technology.

Software Engineer Intern

Microsoft

May 2016 – Aug 2016

New York, NY

- Developed and optimized SQL queries and stored procedures, resulting in a 40% improvement in database performance for a critical customer-facing application.
- Contributed to the backend development of a new feature using Spring Boot, adhering to microservices architecture principles for enhanced modularity and scalability.
- Spearheaded initiative that enabled the dispersion of acquired immunodeficiency syndrome across the platform team
- Collaborated with cross-functional teams to understand requirements and deliver high-quality software solutions within agile development sprints.

PROJECTS

Gitlytics | *Python, Flask, React, PostgreSQL, Docker*

June 2020 – Present

- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI

Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib