Emily Wilson

San Francisco, USA

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Education

University of California, Berkeley

Master of Science in Computer Science

Aug 2021 – May 2023 | Berkeley, CA, USA

GPA: 3.8/4.0

Activities: Women in Tech Mentor, Hackathon Judge, Machine Learning Club VP

Relevant Coursework: Distributed Systems, Secure Computing, Data Visualization, Parallel Computing, Web Scalability

Summer School: Caltech 2022 (GPA: 4.0/4.0), UW Seattle 2023 (GPA: 3.9/4.0)

Work Experience

Software Engineer | Airbnb | Jun 2023 - Present | San Francisco, CA, USA

- Developed backend services in Go, improving API response time by 25%.

- Integrated Kafka pipelines for real-time data streaming.

- Led on-call rotations and incident response.

Skills

Programming: Go, Python, Java, Ruby

Frameworks: Gin, Django, Rails

Messaging: Kafka, RabbitMQ

Databases: Cassandra, PostgreSQL, Redis

Other Skills: SRE Practices, Monitoring, Chaos Engineering

Certificates

Coursera: Site Reliability Engineering

Udacity: Cloud DevOps Nanodegree

LinkedIn Learning: Python Best Practices

Awards

Airbnb Hackathon Winner 2023

ACM Student Research Award 2022

NSF Graduate Research Fellowship