

# Neha Konjeti

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## EDUCATION

### University of Illinois at Urbana-Champaign

Champaign, IL

*Bachelor of Science in Computer Science (GPA: 3.92 / 4.0)*

*Aug. 2020 – May. 2024*

- Awards: Dean's List, Matthews Scholar, National AP Scholar, Illinois State Scholar

## TECHNICAL SKILLS

**Languages:** Python, Javascript, C++, Java, Go, TypeScript, C, SQL, Ocaml, C#

**Technologies:** Azure, Redis, Android Studio, Git, Windows, React, MongoDB, Express, Firebase, Postman

**Coursework:** Data Structures, Computer Architecture, Systems Programming, Database Systems, Algorithms, Distributed Systems, Programming Languages and Compilers, ML

## EXPERIENCE

### Confluent

Sept 2023 – Dec. 2023

*Incoming Software Engineer Intern*

*Remote*

### Microsoft

May 2023 – Aug. 2023

*Software Engineer Intern (OneNote Sync Services)*

*Redmond, WA*

- Implemented a processor in C# for cross-regional distributed systems at a massive scale to reduce the latency of user revocation by 83%
- Conducted a comprehensive cost presentation of the Redis pub-sub solution to Azure resource specialists, followed by leading a cross-team design discussion
- Estimated impact to process over 2 million user deletions a day for instant user revocation in OneNote

### Microsoft

May 2022 – Aug. 2022

*Software Engineer Intern (Edge Browser Consumer)*

*Redmond, WA*

- Coded with Chromium codebase for the Edge browser in C++ to power client side product explicit price tracking with estimated impact of 100,000+ in engaged daily users
- Implemented E2E feature of giving users the ability to price track products to collecting product price data and displaying price drop notifications in the browser

### Uber

May 2021 – Aug 2021

*Software Engineer Intern (Edge Platform Team)*

*San Francisco, California*

- Introduced configurable Edge circuit breaker per endpoint and cut down circuit open errors for requests by 47%
- Contributed to open source project Zanzibar by editing code generation to make circuit breaking config driven
- Collected historical data about all of Uber's endpoints to drive circuit breaker decisions
- Successfully rolled out code to production, and monitored logs and metrics to assess latency and efficiency

### Google

July 2020

*Computer Science Summer Institute*

*Chicago, IL*

- Participated in a 4-week intensive computer science summer program for high-achieving students
- Completed a project-based Javascript processing curriculum taught by Google Engineers
- Delivered a collaborative project presentation of Pac-Man including a live demonstration to Google Employees

## PROJECTS

### 8-ball Pool Game

April 2021 - May 2021

- Programmed an eight ball pool game in C++ and Cinder from scratch

### YMCA New American Welcome Center - Hack4Impact

Jan. 2021 - May 2021

- Implemented MongoDB aggregation-based pagination for a nonprofit web application, enhancing user accessibility to freely available resources

## LEADERSHIP

### Hack4Impact

Sept. 2020 – May. 2023

*Community Director (Jan. 2023 - May. 2023)*

*Champaign, IL*

- \* Supervised a committee focused on elevating community engagement, culminating in the strategic planning and execution of a comprehensive two-day retreat attended by 40+ members.