Aayushi Gupta

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EDUCATION

University of Illinois at Urbana Champaign *May 2021*

Bachelor of Science in Computer Science and Statistics, Certificate in Data Science

Coursework: Data Structures, Intro to Algs & Models of Comp, Computer Architecture, System Programming, Discrete Mathematics, Programming Languages & Compilers, Statistical Computing, Statistical Programming

SKILLS & TECHNICAL TOOLS

Languages: Java, Python, JavaScript, TypeScript, HTML5/CSS3, Sass, C++, R, Ruby
Technologies: Git, ReactJS, React Native, React Hooks, Redux, RESTful API, GraphQL, Figma, Next.js, SQL

EXPERIENCE

Chime | Software Engineer *Oct. 2022 – Present*
- Fullstack developer working across Growth teams, delivering high-impact projects in the Chime mobile app with **React Native** and backend services in **Ruby**
- Independently led and developed the [Externally Initiated Funding Project](), a feature that allows members to securely access account details needed for seamless transfers from payment apps (e.g., Venmo, CashApp) to Chime, reducing friction and increasing funding volume
  - Successfully launched a month ahead of schedule with a server-driven architecture using **GraphQL**, driving a **+6K monthly increase** in incremental funders and boosting funding and purchase rates
- Developed [Chime Deals](), saving members **$500K+ monthly** at little to no cost to the company — resulting in increased app engagement, perceived value, and user trust
- Led **mobile observability** efforts, implementing frontend metrics, dashboards, and monitors — improving **incident detection**, reducing on-call burden, and aligning mobile metrics with backend systems

Groupon | Software Engineer *Aug. 2021 – Oct. 2022*
- Frontend developer responsible for building and maintaining common page templates and public components for Groupon's 5M+ web pages using **React**, **Redux**, and **TypeScript**
- Contributed to Groupon's [design system](), ensuring consistent branding across all platforms
  - Built reusable components (e.g. Tabs, Menu, Stack) with **Storybook** and **Jest** tests
  - Improved design system adoption by enhancing documentation and adding search autocomplete
- Refactored [deal search autocomplete]() feature, improving performance and reliability

Amazon | SDE Intern *June 2020 – Aug. 2020*
- Built and deployed a web application visualizing Amazon's Music Graph data using **ReGraph**, a library of React components and analysis functions for **client-side network visualization**
- Simplified knowledge graph exploration by implementing node-link visualization with **graph walking** and **node expansion** features, providing deeper insights into graph structure and relationships.

PROJECTS

Goodreads Digital Library | *Python, Flask, React -* [GitHub]()
- Created a personal digital library generated by a **Python** script that scrapes the Goodreads website with **BeautifulSoup4** and stores the results in a **PyMongo** database
- Developed a **React** web app that modifies the database with an API built using **Flask** and visualizes the data using **D3.js**