Ishaan Chandra

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ishaanchandra.com | linkedin.com/in/ishaanchandra | github.com/ishaanchandra

Education

University of Wisconsin-Madison, College of Letters and Science **Madison, WI**
Bachelor of Science in Computer Science & Economics *Expected Graduation: May 2024*
GPA: 3.82

- **Relevant Coursework:** Object-Oriented Programming (Java), Data Structures (Java), Algorithms, Operating Systems (C), Intro to Artificial Intelligence (Python), Linear Algebra, Discrete Mathematics
- **Awards/Honors:** Dean's List (Fall 2020, Spring 2021, Fall 2021, Fall 2022)

Work Experience

PayPal **San Jose, CA**
Software Engineer Intern *May – Aug 2023*

- Scaled a service that runs corrections on corrupted data by 200% by engineering a platform that implements batch processing utilizing Spring Batch to increase the processing speed of larger datasets and streamline multithreading for correction jobs
- Led communication between partnering teams to ensure project scalability, resulting in an efficient development process
- Tech Stack: Java, XML, Spring Batch, Spring Boot, Postman

PayPal **San Jose, CA**
Software Engineer Intern *May – Aug 2022*

- Reduced test runtime by 30% by developing a Java application leveraging Isolated Component Testing and WireMock to increase test reliability and optimize the feedback loop
- Designed and programmed an application to send the corresponding API responses to the simulated Spring Boot service
- Tech Stack: Java, JSON, Spring Boot, Docker, Postman

Balbix **San Jose, CA**
Software Engineer Intern *June – Aug 2021*

- Architected and built an iOS application that integrated the existing database infrastructure utilizing Apollo GraphQL client
- Collaborated closely with UX and Product Designers to outline the architecture of the mobile app providing a compact summary of the cybersecurity risk and readiness
- Developed a feature using React to allow users to import subnets on the frontend web-client

Personal Projects

Chorify

- Developed an iOS application with Swift that allows users to randomly assign tasks to roommates
- Designed the UI with Xcode tailored towards young adults and has over 3,500 downloads

The Culture Project

- Developed a website with HTML, CSS, and JavaScript that allows students to explore nearby events
- Designed the layout and user interface of the main and help page
- Collaborated with 3 peers and 2 team leaders to complete tasks for club deadlines

Amazon Alexa Applications

- Coded a math flashcard and high low game with JSON, JavaScript, and Alexa API

Skills

Programming Languages: Java, Swift, C, C++, HTML, CSS, JavaScript, Python
Frameworks/Tools: Linux, Git/GitHub, React, Apache Maven, Postman, WireMock, Docker, Firebase, Jira, Spring Boot, Spring Batch, REST API, GraphQL, MySQL, JUnit