ARAVIND NATCHIAPPAN

Computer Science Student

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EXPERIENCE

NCR Corporation
Software Engineering Intern

📅 May 2021 – Aug 2021   ⚲ Atlanta, Georgia

- Spearheaded a project that aimed to merge two of NCR's digital banking acquisitions, Digital Insight and D3 Banking.
- Modified D3 Banking's UI to allow requests from Digital Insight's backend server to be made by creating a middleman facade layer using Spring Boot.
- Migrated key components such as Accounts, Bill Pay, Transfers, and UI configurations from Digital Insight's UI to D3 banking's UI.

MedSmarter
Web Developer Intern

📅 Feb 2020 – Mar 2020   ⚲ Suwanee, Georgia

- Facilitated in the migration of a consumer-facing website to a different payments handler.
- Worked on an online courseware distribution system for students to access coursework and materials remotely.
- Assisted in various other projects involving market research and brand development that ensured optimal client experience.

PROJECTS

Make My Meals
https://github.com/aravindnatch/makemymeals

- Won the NCR Challenge at UGA Hacks 6
- A mobile website that reimagines retail shopping with pathfinding and machine learning in the COVID-19 era.
- Uses object recognition to determine the user's location in a store along with the item they are holding. A list of recipes are generated based on the scanned item. After choosing a recipe, the user is taken along the shortest available path between each of the items.
- Works by leveraging a custom path-finding algorithm that parses store location data.

Mesh
https://github.com/aravindnatch/mesh

- Demystifying Applicant Tracking Systems and finding jobs that match your skillset with feature extraction and document parsing.
- Uses NLTK and Spacy to determine which words on a resume correspond to user identifying information like an individual's university, phone number, and name.
- Uses scikit-learn's cosine similarity function on a database of 10,000+ job listings. Allows the application to provide a list of jobs that most closely match the inputted resume.

SKILLS

JavaScript   Python   Java   TypeScript   PHP   HTML

React (Native)   Spring Boot   Flask   Vue.js   Docker   UNIX/Bash

EDUCATION

Georgia Institute of Technology
B.S. Computer Science

📅 Aug 2021 – Current

- Relevant Coursework: Data Structures and Algorithms, Objects and Design, Computer Organization and Programming

University of Georgia
B.S. Computer Science

📅 Aug 2020 – May 2021

- Relevant Coursework: Introduction to Computing and Programming, Software Development, Discrete Mathematics for Computer Science

EXTRACURRICULAR

Mobile Health UGA

📅 Aug 2020 – Current

- Backend App Developer
- Implemented a skeleton backend in Firebase that incorporates stored data models and push notifications.
- Designed UML models and app flows for an efficient project workflow allowing for consistency amongst team members.

Georgia Political Review

📅 Aug 2020 – Current

- Frontend Web Developer
- Developed a custom WordPress template that completely redesigned the frontend to make it more visually appealing.