




RANVEER S. THIND

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EDUCATION

Georgia Institute of Technology, Atlanta GA

GPA: 4.00

BS, Computer Science – Faculty Honors

Expected Graduation: **May 2022**

Concentrations: Artificial Intelligence & Information-Inter networks

Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Objects & Design, Linear Algebra, Discrete Math, Multi-Variable Calculus

EXPERIENCES

Cartogram | **Software Engineering Summer Intern**

[July '18 – Aug '18]

- Utilized Java & JS to develop floor & nearby room detection & direction system for Chatbot
- Optimized build and load times of room landmarks by 26% using Java and MySQL
- Implemented functionality to locate beacons using GPS coordinates

Plenare | **Co-Founder & CTO**

[Oct '19 – Pres]

- Designed app in Java providing a customized food ordering experience for people on restrictive diets
- Leveraged Google Cloud for authentication & data retrieval for cuisines, foods, and purchased items
- Integrated functionality for shopping cart, purchase & checkout

PROJECTS

Path Finding Algorithm Visualizer

[Jan '20 – Pres]

- Developed Web App in React to visualize the BFS pathfinding algorithm
- Displayed steps that the algorithm takes to navigate from the start to end node
- Implement functionality to place walls for the algorithm to maneuver

Electoral Map Visualizer

[Nov '19 – Jan '20]

- Analyzed prior election data to generate electoral college maps
- Displayed electoral college data that goes back 60 years
- Developed functionality to generate “Red & Blue” and blended maps to show election insights

Amazon Budget Web Scraper

[Aug '19 – Nov '19]

- Utilized Python and Selenium to scrape items off Amazon based on user-inputted categories
- Developed functionality to cross-check web scraped items and Amazon's daily deals
- Autonomously store data on Google Sheets using Google Drive API

Tutoring Automation Web App

[Jul '19 – Sep '19]

- Engineered app with Java to automate student-tutor pairing process
- Implemented REST APIs with Google Cloud allowing clients to select appropriate match requests
- Developed functionality for filtering unmatched tutoring requests

Handyman Hiring Platform

[May '19 – Jul '19]

- Developed Android App in Java to connect handymen with customers
- Leveraged GCP for creating user profile, editing info, and searching for users
- Engineered functionality for uploading posts with pictures

SKILLS

- **Languages:** Java, MySQL, JavaScript, Python, HTML, CSS
- **Tools:** Google Cloud Platform, Git, React, Firebase, Selenium