Arnav Priyadarshi

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Education

3rd Year Student Computer Science   *University of Toronto*

Honors Bachelor's of Science program   *September 2021 - Present*

Recent Coursework: Data Structures and Algorithms, Software Engineering, Systems Programming, Intro to Databases and Web Apps, Computer Architecture, Linear Algebra, Statistics I & II

Technical skills

Programming Languages	C, Java, Javascript, Python, R, Rust, SQL
Tools/Libraries	Bash, Excel Flask, Git, Jest, LaTeX, PostgreSQL, Pytorch, React, Tailwind, Typescript, Vue

Experience

Gateway Resources DMCC   *June - May 2021*

Paper Operations   *Dubai, UAE*

- Made an Excel directory of two hundred recycling firms allowing the agents to contact 50% more companies than before.
- Pioneered an expansion into the Chinese market by conducting relevant market research and drafting up an expansion plan
- Crafted simple calculator web apps to free up traders from long calculation prone to human error, and instead focus on conversing with clients to get the best prices

Projects

Example CI   *January 2023 - Present*

A Toy Continuous Integration System built to familiarize myself with Distributed Systems and Git

- Removed friction from testing process and enabled more productivity in day to day development.
- Used industry best practices such as MyPy and virtualenvs to produce clean, idiomatic Python.
- Wrote a simple web view with Flask to display the results of the automated building and testing of your application.

Balance Sheet   *January - April 2023*

A Fullstack Single Page Expense Tracker App built with Flask and Vue 3

- Harnessed the npm ecosystem by using modern popular packages to quickly ship the app.
- Produced a beautiful and responsive design with Tailwind CSS.
- Created a wireframe and used Typescript to provide clear goals and APIs to work towards.

UTT   *September 2022 - December 2022*

An Android Timetable App for Scheduling Course Selections

- Served as Scrum master and facilitated communication amongst my team of 6 through the use of standups and JIRA boards.
- Integrated the app with the cloud through Google Firebase to provide a realtime database for live updates in the app.
- Designed app with the Model View Controller architectural pattern to simplify unit tests.