

Vinesh Benny

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SKILLS

Languages : Python, JavaScript (React Native), Java (Functional and OOP), C, bash/zsh, mongosh, Cypher, SQL, Git, \LaTeX , Scheme, Prolog, Assembly

Tools : Android Studio, Jira, Docker, TeXStudio, GitHub, MongoDB, PostgreSQL, Neo4j, Replit, discord.py, Figma, Express.js, Vim/Neovim, Visual Studio Code, IntelliJ, Mars

EDUCATION

University of Toronto

Sep 2020 – Present

Honours Bachelor of Science, Computer Science Co-op

Ontario, Canada

- **Specialization:** Software Engineering
- **Cumulative GPA:** 3.79
- **Awards:** University of Toronto – International Scholar, University of Toronto Scholar, University of Toronto Scarborough Dean's List
- **Coursework:** Software Engineering, Data Structures and Algorithms, Databases, Computer Systems, Software Design, Software Tools and System Programming, Principles of Programming Languages, Computer Organisation

EXPERIENCE

Teaching Assistant

Jan 2022 – Aug 2022

Software Tools and System Programming (CSCB09)

University of Toronto - Scarborough Campus, Ontario

- Conducted tutorials with 40+ students for the course with 100% approval from students.

Tutor

May 2021 – Aug 2021

Software Tools and System Programming (CSCB09)

University of Toronto - Scarborough Campus, Ontario

- Tutored two students in CSCB09 resulting in both students understanding and performing 20% better in later assignments and exams.
- Created solutions for past finals from 2015 – 2020 which were used by 60+ students in the course.
- Furthered understanding of C, bash/zsh and built communication skills through tutoring.

PROJECTS

Data Structures – Bloom Filters, Heaps and AVL Trees (C)

Jan 2022 – Apr 2022

- Implemented various data structures in order to understand their applications in real world use.

Startup App – Pawsup (JavaScript)

Sep 2021 – Dec 2021

- Collaborated with a team of developers to create a full-stack *progressive web app* for a startup using *MongoDB*, *Jira*, *React Native*, *Node.js* and *Express.js*.

Zoomer – Microservices API (Java)

Sep 2021 – Dec 2021

- Created a containerized microservices API using *Docker*, *Neo4j*, *PostgreSQL* and *MongoDB* to build a ridesharing API in *Java*.

Discord bot – Kanye Weast (Python)

Aug 2021 – Present

- Collaborated with a fellow student to create an always-on Discord bot through Replit which is used by 200+ of users daily.
- Generated lyric info for songs from a specific artist and webscrape data for Pokémon, using *BeautifulSoup*, *geniuslyrics*, *PokeAPI* Python APIs

Medical Clinic App (Java)

Jul 2021 – Aug 2021

- Used *Android Studio*, *Git* and *Agile methodologies* to create medical app for doctors and patients.

Binary File creation (C)

Jun 2021 – Jul 2021

- Created a program to create a binary tree and save to a file, as well as multiple other programs to read and manipulate said tree.