

# Vinesh Benny

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## SKILLS

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**Languages :** Python, JavaScript (React Native), Java (Functional and OOP), C, bash/zsh, mongosh, Cypher, Haskell, SQL, Git, Subversion,  $\text{\LaTeX}$ , 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, Dagger, JUnit, Hunit

## EDUCATION

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### 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

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### 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

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### Startup App – Pawsup (JavaScript)

Sep 2021 – Dec 2021

- Collaborated with a team of developers to create a full-stack *progressive web app* for petowners to connect with pet-sitters and vice-versa using *MongoDB*, *React Native*, *Node.js* and *Express.js*.
- Followed the *Agile Development* methodology with weekly deliverables.
- Used *Jira* for project tracking and *Git* for version control with advanced *gitflow* use.

### Medical Clinic App (Java)

Jul 2021 – Aug 2021

- Used *Android Studio* to create medical app for doctors and patients to keep track of appointments and medical history.
- Deployed a *Firebase* database to store doctor and patient information.
- Followed the *Agile Development* methodology with biweekly deliverables, while using *Subversion* for version control.

### 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