Tamseel Sheikh

647-220-3309 | tamseel.sheikh@mail.utoronto.ca | linkedin.com/in/tamseel | github.com/tamseel | medium.com/tamseel

EDUCATION

University of Toronto Mississauga — Mississauga, ON
Bachelor of Science in Computer Science, Minors in Mathematics and Writing — *Sept. 2020 – Apr. 2025*
- Most recent semester's GPA: 4.0/4.0. Overall GPA 3.38/4.0.
- **Relevant Courses:** Software Design (Java), Systems Programming (C), Introduction to Artificial Intelligence (Python), Programming on the Web (React, Django), Introduction to Software Engineering (Postman, Docker, React Bootstrap), Introduction to Databases (PostgreSQL, Neo4j, MongoDB)

EXPERIENCE

Junior ServiceNow Developer Co-op — May 2024 – August 2024
Sun Life Financial — *Toronto, ON*
- Contributed to multiple initiatives, providing enhancements and troubleshooting support for the Physical Security and Application Security (AVR) teams and developed technical solutions for custom applications and seamless third-party integrations under an agile Kanban approach.
- Scripted in ServiceNow using HTML, CSS, and JavaScript, and assisted with DevOps, Vulnerability Response (VR), and Governance, Risk, and Compliance (GRC) related consulting, investigations, and code changes.
- Provided technical support and troubleshooting for bugs in Systems Integration Testing, User Acceptance Testing, and collaborated with Business Analysts for optimized design implementation.

Teaching Assistant CSC207: Software Design — Sept. 2022 – Present
University of Toronto — *Mississauga, ON*
- Taught Java, design patterns, OOP, Git, unit testing, and regular expressions to classes averaging **50** students.
- Provided technical mentorship for multiple full stack projects over a 3-month scrum development cycle.
- Improved online learning for **450** students by curating class materials in Canvas LMS, creating tutorial videos/ slides, and offering regular support via the Piazza discussion board.

PROJECTS

Code Now | *React, Django REST Framework, Postman, TDD* — Jan. 2023 – Apr. 2023
- Worked as a full-stack developer and made CodeNow which is a beginner-friendly LeetCode introduction platform that customizes your LeetCode plan, schedules daily tasks, monitors progress, and provides timely reminders for effective interview preparation.
- Implemented RESTful endpoints for authentication within Django REST Framework and stored daily progress and plans in an SQL database.
- Utilized Swagger for documentation, used test driven development TDD and performed unit testing, checks via Postman, and implemented GitHub linter for code quality.

Voice Experience/ VoiceEx for Computer Science Education — Sept. 2022 – Present
University of Toronto — *Mississauga, ON*
- Developed a full-stack app VoiceEx; a platform that allows **1000** students across two courses to create, edit, and submit voice-based solutions and reflections in response to course questions and research prompts.
- Enhanced embedded web recorder, ensuring cross-browser compatibility and accurate audio transcription using OpenAI's Whisper in Microsoft Azure.
- Optimized MongoDB structure for scalability and designed a user-friendly UI using react, improving user experience.

Interviewer Bot | *JavaScript, OpenAI API, Web Speech API*
- Developed a chat bot that simulates an AI-based recruiter, asking interview questions and offering recommended answers based on OpenAI.
- Incorporated Web Speech API to enable voice-based interactions, enhancing the user experience for both interviewers and interviewees.
- Built the front-end using React and JavaScript, focusing on a clean, responsive user interface for a seamless chat experience.