

# TAMSEEL SHEIKH

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## EDUCATION

### University of Toronto

Sept. 2020 – Apr. 2025

Honours Bachelor of Science in Computer Science and Mathematics - GPA: 3.41/4.0

- **Relevant Courses:** Software Design (Java, Git), Systems Programming (C, Unix Tools), Introduction to Artificial Intelligence (Python), Programming on the Web (Node.js, React, REST APIs), Introduction to Software Engineering (Docker, CI/CD, Postman), Introduction to Databases (PostgreSQL, MongoDB, Neo4j), Interacting with Computer Media (UX/UI Design, Figma)
- **Certifications:** AWS Certified AI Practitioner

## EXPERIENCE

### Cloud Analyst Co-op

Sep. 2024 – Dec. 2024

Sun Life Financial

Toronto, ON

- Supported cloud account lifecycle management in AWS Control Tower, including creating, managing, and deleting accounts, and contributed to the setup and configuration of AWS services such as Amazon EKS for containerized applications and S3 buckets for scalable storage solutions.
- Organized and facilitated an internal Cloud Hackathon, where over **90+** participants developed solutions; led a use case on anonymizing PII in documents by using Faker to replace sensitive data with synthetic information.
- Pursuing AWS certifications Developer Associate; enhancing cloud expertise through courses on AWS Skill Builder and hands-on labs.

### Jr. ServiceNow Developer Co-op | Agile Development (Kanban)

Jan. 2024 – Aug. 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: Software Design & Databases

Sept. 2022 – Present

University of Toronto

Mississauga, ON

- Led weekly labs and tutorials for **50+** students, covering **Java**, OOP principles, **Git** workflows, design patterns, unit testing (JUnit), regular expressions, as well as relational database concepts, **SQL**, schema design, indexing, triggers, and stored procedures using PostgreSQL.
- Mentored student teams through a **3-month Scrum** cycle, introducing full-stack development (RESTful APIs, front-end frameworks) and modern DevOps practices such as continuous integration (GitHub Actions) and containerization (Docker).
- Enhanced learning for 450+ students by curating tailored resources on Canvas LMS, creating tutorial videos/slides, and providing responsive support via discussion board and office hours, leading to increased engagement and comprehension.

## PROJECTS

### Voice Experience | React, Django REST Framework, Postman, TDD

Sept. 2022

- 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.

### Six Degrees of Kevin Bacon | Java, Neo4j, Docker

January 2023

- Provided RESTful endpoints for adding actors and movies, and connecting them in the Neo4j database.
- Utilized Docker for easy testing and deployment of the application.
- Implemented a query functionality to find the shortest path between actors and Kevin Bacon

## EXTRA-CURRICULAR ACTIVITIES

### Manager of Artificial Intelligence

Aug. 2024 – Present

Artificial Intelligence and Cognitive Science Club

Mississauga, ON

## AWARDS

### Hackathon Winner - 3rd Place

Oct. 2024

Sun Life Cloud Tech Hackathon

Toronto, ON

Led a use case on anonymizing PII in documents by using Faker to replace sensitive data with synthetic information for training AI models.