

Artina Iat Sam Sin

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Education:

Candidate, Honors Bachelor of Science

September 2018 – present

University of Toronto Scarborough

- Major in Computer Science and Mathematics, 4th year
 - Awards: Macau Foundation Special Merit Scholarship
 - University of Toronto Scarborough Dean's List
 - CGPA: 3.92 (out of 4)

Skills:

- C, Python, Java, C#, R, Matlab
- HTML, CSS, JavaScript, Bootstrap, JQuery, Angular JS
- Flask, Django
- .NET Core, Entity Framework
- SDLC, Agile, Scrum methodology, SVN, Git
- SQL, C# LINQ
- Figma, JustInMind Prototyping software
- Experience with Visual Studio, Eclipse, Android Studio

Experience:

Teaching Assistant, University of Toronto Scarborough

September 2021 – April 2022

- MATA22 – Linear Algebra I for Mathematical Sciences
- MATA32 – Calculus for Management I
 - Prepares and teaches weekly tutorials with the goal of fostering a safe learning environment to all students
 - Encourage students to ask questions during tutorials and office hours

Online Tutor, TutorOcean

October 2020 – present

- Teaches High-School and University Students topics on Calculus and Linear Algebra with enthusiasm and accuracy
- Actively listens and clarifies students' misunderstanding on concepts, boosting their confidence towards the subject

System Analyst Co-op, TTC

January 2021 – April 2021

- Assisted in coworkers' tasks proficiently
- Developed Microsoft Excel Add-in to automate importing data from multiple excel workbooks to a master file, reducing the hours long task to a few button clicks

Application Development Co-op, Softchoice

May 2020 – August 2020

- Created data representations using SQL, LINQ and JavaScript to provide data insight to Managed Services Department, allowing the manager to monitor the monthly sales performance

Projects:

Startup Marketplace Web App

Summer 2021

- On a team of 7, practiced Scrum to build an web application for entrepreneurs to set up their startup
- Used Python, Flask, MySQL, HTML, CSS, Bootstrap and JavaScript
- Developed frontend and backend of Company Management page, refactored backend into 3-tier architecture, and reviewed team members' pull requests to ensure the quality of the work

Discord bot (Python)

July 2019

- Collaborated on a team of two to create a discord bot that stores and sends embedded images upon command
- Used Python I/O functions to keep a file of used links up to date

Shopping Application (Java)

November 2019

- Used SOLID design to structure classes and interfaces to create a model used for an Android shopping app
- On a team of 5, created layouts, implemented functionalities to allow users to shop, restock items and view shopping history depending on their roles
- Practiced Agile Scrum and used SVN as version control