Vannie Kopalakrishnan

647-546-2726 | https://vanniek.github.io/

vannie.kopalakrishnan@mail.utoronto.ca

Education

University of Toronto

2016 – Present

Undergraduate Student, Honours Bachelor of Science

- Computer Science (major), Economics (major), Math (minor) 4th year
- Teaching Assistant for CSC300, a computer science course offered at U of T

Technical Skills: Java, Python, Cassandra, SQL, Git, Jenkins, Maven, Jira, Kibana

Work Experience

Web Developer

University of Toronto Hatchery

Sept 2020 – Present

• Currently providing full-stack support for U of T's startup incubator using C#, javascript, and MySQL.

Software Engineer Intern

Kijiji Canada

May 2019 – Aug 2020

- Designed, developed, and tested new backend microservices to support the integration between Kijiji and Kijiji Autos.
- Refactored existing backend micoservices to handle the flows between the two platforms.

Web Manager

Faculty of Engineering, University of Toronto

Oct 2018 – Feb 2019

• Contributed to the design and development of the new website for the NSERC/Energi Simulation Industrial Research Chair group.

Undergraduate Research Assistant and Developer

Department of Computer Science, University of Toronto

Summer 2017

- Researched design practices within educational game development to program a video game using Unity and C#.
- Conducted and recorded 50 play-testing results, using the findings to update the game with significant improvements that included adding new levels, improving accessibility and fixing 20+ bugs.

Projects

Nurture – Amazon Web Services Cloudy Day Challenge

March 2020

• Designed a digital storytelling app that aims to preserve and share the cultural history and heritage of immigrants and refugees living in Toronto. Placed in the top 5 teams.

Microsoft A.I Challenge

March 2020

• Designed a software architecture solution that leverages computer vision in order to improve retail product placement. Placed nationally in the top 40 teams.