Komal Saini

Toronto, ON, Canada

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Education

University of Toronto, St. George - Trinity College — Sep. 2020 - June 2024
Honours Bachelor of Science in Computer Science — Toronto, ON

Coursework: Intro to Computer Science, Calculus with Proofs

Munk School of Global Affairs and Public Policy, University of Toronto — Sep. 2020 - June 2021
Munk One Student — Toronto, ON

Coursework: Global Innovation, Global Governance, Research Methods and Lab Applications

Awards

Loblaws 2020 National Scholarship — Aug. 2020
Recipient of the Loblaws 2020 National Scholarship award valued at $1,500

Murray Ross Scholarship — Apr. 2020
Selected as the recipient of the Murray Ross Scholarship valued at $32,000 by York University

Experience

CryptoChicks — July 2020 - September 2020
Full Stack Developer Intern — Toronto, ON

- Designed the CryptoChicks Academy site front-end using **HTML** and **CSS**
- Reduced website load times by **15%** after conducting thorough performance tests
- Built CryptoChicks Academy site architecture using **WordPress** plugins to integrate membership features
- Implemented cybersecurity automation using **SiteGround**

brAIMS — April 2020 - August 2020
Frontend Developer Intern — Toronto, ON

- Designed high-quality prototypes and mockups using **Figma**
- Developed user-friendly, responsive web pages using **ReactJS**
- Reported issues and managed the backlog using **Jira** to optimize site performance

Todreamalife — January 2020 - September 2020
Junior Technology Consultant — Toronto, ON

- Developed a back-end platform using **Java** and designed the front-end of web applications using **CSS** and **JavaScript** for an international supply-chain startup
- Implemented **Agile scrum methodologies** in a variety of team settings
- Developed UI wireframe mockups using **Balsamiq**

Extracurriculars

First-Year Representative - **Developer Student Clubs UTSG** — September 2020 - Present

General Executive - **UofTAI** — September 2020 - Present

Technical Writer - **University of Toronto Machine Intelligence Student Team** — September 2020 - Present

Innovator - **The Knowledge Society** — September 2019 - June 2020

Projects

Tron Game *Python, PyGame* | github.com/komal-saini/two-player-tron
- Built a two-player Tron game using Python and PyGame which has a main menu UI, scoreboard, play again mechanism, with both keyboard and joystick support

Malaria Classification Model *TensorFlow, Keras* | github.com/komal-saini/malaria-classification-model
- Built a convolutional neural network to classify images of red blood cells to detect the presence of malaria parasites

Skills

Python, Java, JavaScript, HTML, CSS, ReactJS, VSCode, Eclipse, PyCharm, Trello, Jira, Slack