

MATTHEW VARGA

University of Toronto | Honours Bachelor of Science, Specialist (Co-op) Program in Computer Science
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Experience

Full Stack Developer

Apr 2020 - May 2020

Craniome - Freelance

- Built and deployed customer facing website with mobile-first approach, meeting all of the clients needs within a timely manner

Software Developer

Jan 2019 - May 2019

UHN, Cardiology Department at the Toronto General Hospital Research Institute

- Developed an internal web application to be used by Data Scientists for centralizing and organizing patient data, allowing for easy access and analysis of such data
- Took lead on the research of OMR and OCR to increase efficiency of patient data entry, allowing for easier and faster access to said data for cardiovascular research

Full Stack Developer

Sep 2018 - Jan 2019

Crisperme - Freelance

- Implemented core platform features as the sole developer, such as customer-expert matching, file transferring, payment processing, progress tracking, and administrative reporting

Junior Developer, QA Analyst

Dec 2017 - Aug 2018

Leonardo Worldwide Corporation

- Displayed in-depth knowledge of design and development best practices through building reusable and customizable front-end components for both enterprise and consumer products from a mobile-first approach
- Exhibited excellent communication and initiative through volunteering on the culture committee, organizing company-wide activities, and executing product demos after each sprint completion

Projects

Project Management Board | Go, JavaScript (React), SCSS

Apr 2020

- An online project management board similar to Jira, which makes use of GitHub API, allowing for features such as branch creation, PR creation, story point tracking, and collaborator assigning

Lightweight File Encryptor | Go

Dec 2019

- Makes use of AES-GCM encryption and Go concurrency to password protect files by overwriting their content with the encrypted data (also supports decrypting the files)

tftbuild.co | NGINX, Docker, Go, JavaScript (React), SCSS

Jul 2018

- Interactive online tool for the initial release version of Team Fight Tactics (TFT), which was used by thousands of players until official support for the game was implemented

Technical Skills

Frontend: JavaScript (React, Redux, Jest, Marko), SCSS, HTML

Backend: Go, PHP, MySQL, MongoDB

Other: NGINX, Docker, Python, Java, C