# 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, and collaborator assigning, all via the ticket UI

### 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

**Frontent**: JavaScript (React, Redux, Jest, Marko), SCSS, HTML
**Backend**: Go, PHP, MySQL, MongoDB
**Other**: NGINX, Docker, Python, Java, C