

Dan Stingaciu

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Skills

- Proficient with JavaScript, HTML, CSS, PHP, Java, C, Python, MATLAB, Git and Arduino
- Experience with Linux systems and Linux CLI
- Attention to detail, team oriented and organized
- Strong communication skills and work ethic
- Fast learner and multi-tasker
- Previous customer facing experience

Work Experience

- Web Developer – Engineering Internship, Pratt & Whitney Canada** **January – September 2019**
- Worked alongside experienced developers to establish ideas and develop various tools for an internal requirements management system application
 - Participated in Agile style software development team
 - Developed visual representation tool displaying links and data points of certification requirements for plane engines via tree interface using D3 JS
 - Created statistical analysis tools that filters how different levels of data points connect with the visualization of the statistics via bar graphs and tables using Highcharts
 - Improvements to web application UI based on user feedback through an internal ticket system
 - Used HTML, JavaScript, SVG and the D3 library for visual representation and PHP for backend database calling
 - Developed application that saves up to an estimated \$100,000 per year and thousands of working hours for configuration of a manufacturing part

Education

- Ryerson University – Computer Engineering** **September 2016 - Present**
- Bachelor of Engineering, Expected June 2021

Technical Experience

- Electronics Co-Captain, Ryerson CANSAT Team** **September 2016 - Present**
- NASA & AAS hosted global competition for designing, building and launching an aircraft along with a payload that simulates many functions of a satellite
 - Lead Developer of ground station built using XBEE radios and ground software that collects transmitted data and compiles it visually in MATLAB
 - Developer of on-board container software that gathers data from onboard sensors using C++ and an Arduino environment
 - Presenter on the final design of the aircraft for multiple years in front of industry judges
- VP of Development, RU Hacks (Ryerson University Hackathon)** **September 2018 - Present**
- Setup and configured environment using Digital Ocean as a VM configured with Nginx & MongoDB
 - Created a Node.JS application dashboard page with a MongoDB database for the purpose of setting up each applicant's profile and tracking and viewing their applications and application statuses
 - Front-end work using HTML, CSS & JS
 - Collaborated with fellow team members on GitHub for version control
 - Website Available at <https://www.ruhacks.com>