

Dan Stingaciu

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A Computer Engineering student with a passion for technology and a thirst for knowledge

Work Experience

Web Software Developer – Engineering Internship, Pratt & Whitney Canada

January 2019 – April 2019

- Worked with experienced developers to help produce ideas and develop for an internal online application
- Participated in Agile Software Development team
- Developed visual representation of certification development data of plane engines for ease of use and clarity with input from users of the online application
- Improvements to web application UI based on user feedback
- Used HTML, Javascript, SVG and the D3 library for visual representation and PHP for backend database calling

Skills

- Proficient with Javascript, HTML, CSS, PHP, Java, C, Python, Matlab and Arduino
- Experience with Linux systems and Linux commands
- Attention to detail, team oriented and organized
- Excellent communication skills
- Fast learner and multi-tasker

Education

Ryerson University – Computer Engineering

September 2016 - Present

- Bachelor of Engineering, Expected May 2020

Smart Serve Certified

November 2017

Technical Experience

CANSAT Electronics Team

September 2016 - Present

- AAS and NASA hosted global competition for designing, building and launching an aircraft along with a payload that simulates many functions of a satellite
- Developer and lead 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 Arduino environment
- Presenter on the final design of the aircraft
- Achieved 22/33 universities that went to the competition in Texas
- Collaboration done on GitHub by each section of the electronics team

Back-end Web Developer, RU Hacks (Ryerson University Hackathon)

September 2018 - Present

- Setup and configured hosting & database environment using Digital ocean as a VPS with MySQL & Nginx
- Minor front-end work using HTML, CSS & JS
- Collaborated with fellow classmates on Github for version control

Volunteer Experience

Ryerson Engineering Orientation Week Leader, Ryerson Engineering Student Society

September 2017/2018

- Led new Engineering students throughout organized events set up for that week
- Showed Engineering culture and introduced new students the university
- Helped clean up, setup and organize daily events