Kovasky Buezo

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Experience

Frequentis Nov 2022 – Present
Software Developer / Infrastructure Developer *Ottawa, ON*

- Developing and designing mission-critical applications for the air traffic management industry using .NET, C, and Python
- Porting custom network kernel drivers in C to maximize compatibility with the latest stable release
- Successfully modified Linux images for seamless integration and compatibility on deployable workstations
- Automating the testing, building and deployment of software packages using Ansible, Bash, Powershell, and Jenkins
- Translating system requirements into software requirements and turning them into tested deliverable code using Jama
- Actively managing and maintaining network and hardware infrastructure

InnovMarine Winter 2021, Fall 2021
Junior Programmer Analyst Co-op *St. John's, NL*

- Developed and maintained software solutions for the shipbuilding industryusing .NET Core, VBA, and Python
- Automated data analysis and workflow operations of 20+ people using VBA
- Improved the execution speed of current solutions by up to 18x faster (6662 down to 357 seconds)
- Improved internal operation processes by developing a code documentation standard operating procedure

Technical Skills

Languages: Bash, C, C++, Groovy, JavaScript, .Net, Python, VBA
Technologies: ASP.NET, Bootstrap, Flask, Jinja, JQuery, Qt, SDL, SFML, SWIG
Other : Ansible, Docker, Grafana, Hyper-V, Jama, Jenkins, Linux, Portainer, Vsphere, Windows

Certifications

Professional Scrum Master II Feb 2024
Scrum.org Credential ID 1066399

Certified in Cybersecurity Oct 2023
ISC2 Credential ID 1635669

Projects

Killick-1 CubeSat | *MISRA-C*

- A GNSS Reflectometry CubeSat for measuring sea ice, part of the 15 teams selected for the Canadian Space Agency's CubeSat Project
- Wrote 2000+ lines of C code for the on-board computer's flight software under the MISRA guidelines
- Designed and developed 30+ software and hardware tests to ensure flight readiness
- Collaborated with 5 teams to draft design and test documentation for review by the Canadian Space Agency

Kafa - Thermostat Enhancer | *JavaScript, Python, Flask, MySQL, and Docker*

- MakeUofT is Canada's largest makeathon; 60 teams, 150+ participants in 2021
- Led the electrical and software design
- Created a plug and play thermostat enhancer, one that does not need installation nor guidance from an expert, that is expected to generate 23% of savings on annual energy costs
- Built using JavaScript, Python, Flask, MySQL, and Docker in under 800 lines of code

Education

Memorial University of Newfoundland June 2022
Bachelor in Computer Engineering *St. John's, NL*