

THIERRY JONES

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EDUCATION

Computer Engineering, Bachelor of Applied Science, Queen's University, Kingston, ON **2018 – 2023**

- **Relevant Courses:** Algorithms, Machine Learning and Deep Learning, Object Oriented Programming, Data Structures, Operating Systems, Cryptography and Network Security, Programming Language Processors, Computer Graphics
- **Technical Skills:**
 - **Languages:** JavaScript, Python, C, C++, Java, SQL, HTML, MATLAB, Bash Shell Scripting
 - **Software:** AWS, Red Hat Linux, NGINX, GitHub/Gitlab, Jira/Confluence, Solid Edge, Power Automate
 - **Hardware:** Raspberry Pi, Arduino, Video Editing, Content Creation, Oscilloscopes, Soldering, PCB prototyping

PROFESSIONAL EXPERIENCE

End User Support Specialist, *Proxi.id*, Ottawa, ON **2023 – Present**

- Providing technical support and assistance to customers looking to be academically verified for software licenses for companies such as Parallels, Avid, Qlik and SideFX.
- Driving problem-solving initiatives, mastering the codebase, and gaining insights into startup operations within the development team.

Automation Developer, *Ericsson*, Ottawa, ON **2021 – 2022, Part Time 2022 – 2023**

- Created flows to automate dashboards and tools for Product Support engineers and managers.
- Designed, built, and maintained a website in collaboration with the Ericsson Response humanitarian emergency relief program.
- Encrypted VPN data to help keep employee's and volunteers' connection secure in any situation or part of the world.
- Team leader of new co-ops hired in September 2022.

Programming Challenge Director, *Queen's Engineering Competition*, Kingston, ON **2020**

- In the QEC, hundreds of engineering students across all disciplines and years of study compete in various categories for a chance to go to the provincial competition OEC.
- Directing the creation of tiered difficulty coding challenges, delivering the challenges to an estimated 100+ participants through Slack and QEC's GitHub repository (*ThierryJones/QEC_Programming*).
- Collaborating with other challenge directors to ensure our 11 engineering disciplines are reflected, fair scoring criteria are established, and execution of the 2-day event runs smoothly.

Junior Software Developer, *Catalyst.Earth formerly PCI Geomatics*, Ottawa, ON **2019**

- Catalyst.Earth develops complete and integrated software tools for remote sensing, digital photogrammetry, image analysis, map production, mosaicking.
- Developed customizable UI templates for the marketing team for easy map creation and customization to display for clients.
- Created a dashboard with the marketing team that queries client data through various APIs (Google, YouTube, Pardot) and displays easy to use statistics to generate potential leads.
- Adhered to agile methodology, interfacing with 100+ clients and users, implementing feedback to maximize customer satisfaction.

ENGINEERING PROJECTS

A Game of Kings at Queen's **2020**

- Utilized C++, and the Qt Creator Studio to create a chess application with four of my colleagues, using engineering design principles such as SCAMPER, the iterative process cycle and agile workflow.
- Designed the user interface as well as the algorithm for verifying proper functionality of standard chess.

ADDITIONAL INFORMATION

- **Delegate:** Microsoft Azure Conference 2019, Queen's Engineering Competition (Junior Design, Programming)
- **Languages:** French, English (Bilingual)
- **Projects:** Building and hosting my own portfolio website, Raspberry Pi Health Application (programmed in python and C++)
- **Hobbies:** Weight Training, Reading (Witcher series), Lifesaving Athlete (Competed in Provincials 2019 Saugeen Shores)