Kleidi Bujari

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Education

Ryerson University   **Expected May 2025**
BEng. Computer Engineering   *Toronto, Canada*

Skills

Programming: C/C++ | Java | HTML5/CSS3 | Bash/Shell | VHDL
Technologies: Linux | Computer Hardware | Git | Arduino | Networking
Languages: English | French | Albanian

Work Experience

Project Manager/Inspector (Student) | **WSP Canada**   **Summer 2021**
- Worked with a small team to manage an extension to a train storage house on site
- Ensured quality and integrity of work and features according to engineering specifications
- Verified structural, electrical, and mechanical systems, collaborating with relevant experts
- Summarized all work, H&S practices, etc. in a daily report for TTC (Toronto Transit Commission)

Projects

Genny | *Cross-platform CLI password generator with automatic copy/paste*   **C++**
- Used modern C++ STL functions to create a speedy and secure generation algorithm
- Integrated third party, open-source libraries to enable cross platform support with QT
- Automated build system and installation using CMake and shell scripting

General Purpose Processor | *Custom 16-bit ALU core written in VHDL with Intel Quartus*   **VHDL**
- Designed all components from scratch, including latch, 4:16 decoder, finite state machine, etc
- Implemented various operations: adding, subtracting, shifting bits, etc
- Displayed input/output on custom designed 7-segment displays
- Verified design of individual components with waveform simulations

Surfboard Shop Website | *zebsboardshop.ca* | *Fast with a modern, responsive design*   **HTML5 - CSS3 - JS**
- Designed completely from scratch with accessibility, performance and a pleasing look in mind
- Makes use of server-side load balancing, and HTTP to HTTPS redirect
- Plans to add Shopify integration while maintaining consistent performance metrics
- Tracking search engine performance and implementing SEO features in website source

Command Line Parser | *CL Parser for C++ executable implemented in a CLI TODO list*   **C++**
- Implemented custom-made command line argument parser with simple and fast filtering algorithm
- Uses built-in Linux C functions for file reading and writing to user directories

Interests

UX • Online Privacy • Volleyball • Tea • Crypto • Fitness • Public Speaking • Custom PCs