
EMPLOYMENT

Technical Analyst - System Administration	Ontario Lottery and Gaming Corporation	Summer 2018-Present
--	---	----------------------------

- Set up local repository for Redhat and CentOS updates for all systems in the environment, ensuring that only one system in the environment needs internet access for security reasons.
- Created webpage for other employees to request virtual machines to be created on a temporary basis for testing, and automatically creating them based on the requirements.
- Created powershell scripts for automated monitoring of the environment, and saving the results in a MySQL database for historical data.
- Patched systems to keep them up to date according to patching schedule and time windows.
- Created automated daily reports on all virtual machines in the environment, monitoring for inconsistencies or errors, as well as saving all data into a MySQL database for historical data.

Lab Tech	Algoma University Brain Computer Interface Lab	Fall 2017-Spring 2018
-----------------	---	------------------------------

- Tested and reprogrammed analogue amplification circuit for brain signals.

Lifeguard/Instructor	John Rhodes Community Center/Dovercourt Recreation Association	Fall 2015-Summer 2018
-----------------------------	---	------------------------------

- Taught children, youth and adults how to swim and water safety.
- Created lesson plans for classes.
- Worked as part of a team to keep patrons safe, and the pool clean.

Sandbox Intern	Fuel Youth Engagement	Spring 2015
-----------------------	------------------------------	--------------------

- Designed, built, and programmed circuits for Arduinos.
- Provided quality assurance and bug testing for apps and websites.
- Researched chip use cases, and prototyped basic implementations.
- Helped bring highly visible product to market ahead of time.

Certificates, Languages, and Technologies

- C++; C; Java; Arduino; HTML; CSS; PHP; Powershell; Bash
- Debian, Ubuntu, CentOS, and Redhat Linux
- Ivanti Shavlik, VMWare, RVTools
- Windows Server 2008 R2, Windows Server 2012 R2
- Standard First Aid/CPR C/AED

PROJECTS

- **JaredKelly.ca (2018):** My personal website. Created from scratch using pure HTML and CSS. Self-hosted out of my house on a Raspberry Pi. <http://jaredkelly.ca>
- **Assassins.Tech (2017):** An SMS based version of the game Assassin. Won 2nd place at the THacks2 hackathon out of 80+ teams. Game developed entirely in bash as part of a team of two using jj and xmpp for the SMS gateway. <http://assassins.tech>
- **OCESS website (2015):** A website made for OCE Space Simulation for the purpose of providing information to new and existing members using HTML and CSS.

ORGANIZATIONS & EXTRACURRICULAR ACTIVITIES

Vice President	Algoma Computer Science Club	Fall 2017-Present
-----------------------	-------------------------------------	--------------------------

- Planned club events throughout the year for members.
- Worked with sponsors to provide funding for events.

Education Commander	OCE Space Simulation	Fall 2014-Summer 2015
----------------------------	-----------------------------	------------------------------

- Planned for and executed a simulated week-long mission to Mars
- Delivered multiple workshops about space and the night sky to children from grades 1-9

Flight Sergeant**742 National Capital Air Cadet Squadron****Fall 2011-Summer 2016**

- Instructing young cadets on aviation, leadership, and citizenship weekly
- Flight commander leading a group of 30 cadets weekly
- Lead trombone and music instructor in marching band

EDUCATION

Sault Ste. Marie, ON**Algoma University****Fall 2016-Winter 2021 (expected)**

- Pursuing Bachelor of Computer Science with a minor in Music.
- Participated in ACM Programming competition 2016
- Member of the Algoma University Curling Team

ADDITIONAL EXPERIENCE AND AWARDS

- **Algoma University Excellence Award Gold (2016):** Awarded to students with an admission average of 85% or higher