KYLE (MCNAMARA) FARWELL

✉ m@kfarwell.org 📞 519-574-2284 🔗 kfarwell.org in /in/kylefarwell ○ kfarwell

EXPERIENCE

IT Systems Administrator
McGill University
May 2018 – Dec 2018 📅
Montreal, QC 📍

- Provided Level 1 & 2 support to research groups and lab users.
- Deployed and maintained Mac, Windows, and Linux workstations.
- Built and populated a custom online documentation system for IT processes.
- Assisted in administering a high-performance cluster and SAN with over 2000 CPU cores and over 2PB of storage.

Co-founder & CEO
VRLFP
Jun 2018 – Present 📅
Waterloo, ON 📍

- Created the first dating site for virtual reality, attracting 3000 users.
- Wrote VRLFP's entire software stack, including a custom hardened web framework.
- Represented VRLFP and gave the opening keynote at iDate Miami where the software was named the best new technology in the industry.

Co-founder & Developer
Tokumei
Nov 2015 – Present 📅
Waterloo, ON 📍

- Built and marketed an anonymous, self-hosted microblogging platform.
- Wrote extensive documentation and provided advanced technical support.

IT Help Desk Assistant
Algoma University
Sep 2017 – Apr 2018 📅
Sault Ste. Marie, ON 📍

- Provided Level 1 & 2 support to over 1500 students, staff, and faculty.
- Overhauled workstation deployment workflow to improve efficiency and reliability.

Research Assistant, Network Algorithms
Algoma University
Dec 2016 – Aug 2017 📅
Sault Ste. Marie, ON 📍

- Implemented localized algorithms for rechargeable sensor networks in C++ with CUDA.

Research Assistant, 3D Scanning
Algoma University
Mar 2017 – Apr 2017 📅
Sault Ste. Marie, ON 📍

Web Developer
Scholarly
Aug 2015 – Dec 2015 📅
Waterloo, ON 📍

IT Support Technician
Bruce-Grey Catholic District School Board
Jul 2013 – Aug 2013 📅
Hanover, ON 📍

SKILLS

Systems administration

Full-stack web development

High performance computing

Technical support | Game development

Open source | Product development

Rc shell | Bourne shell (sh/bash/ksh)

PowerShell | AWK | JavaScript | Go

Eiffel | Java | C++ | Python

Processing | R | HTML | CSS

Werc | kwerc | PostgreSQL | MySQL

MariaDB | NoSQL | Redis

Object storage | Amazon Web Services

Docker | CGI | RSS | reCAPTCHA

CUDA | Qt | Indico | Selenium

OpenBSD httpd | rc-httpd | Nginx

Apache | Git | Mercurial

Active Directory | pf | Cogito | FOG

Polycom | Skype for Business | WebEx

Microsoft Office | LaTeX

Livestreaming | Material Design

GNU/Linux | OpenBSD | macOS

Windows | Plan 9 from Bell Labs

FreeBSD | Android | iOS

EDUCATION

Coursework in Computer Science
Algoma University

📅 Sep 2016 – Aug 2018
📍 Sault Ste. Marie, ON

- Notable topics: Java, C++, x86 assembly, data structures, databases, linear algebra, interaction design, statistics, business.
- Chaired the Algoma Computer Science Club, 2017-18.