

KYLE (MCNAMARA) FARWELL

✉ m@kfarwell.org

☎ 519-574-2284

🔗 kfarwell.org

in /in/kylefarwell

🐙 kfarwell

EXPERIENCE

IT Systems Administrator May 2018 – Dec 2018 📅
McGill University Genome Centre 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 IT documentation system.
- Assisted in administering a high-performance cluster and SAN with over 2000 CPU cores and over 2PB of storage.

Co-founder & CEO Jun 2018 – Present 📅
VRLFP 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 Nov 2015 – Present 📅
Tokumei Waterloo, ON 📍

- Built and marketed an anonymous, self-hosted microblogging platform.

Co-founder & Developer Aug 2015 – Present 📅
Gelato Labs Waterloo, ON 📍

- Programmed 17 HTML5, Ren'Py, Processing, GDevelop, and SMS games.

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

- Provided Level 1 & 2 support to over 1500 students, staff, and faculty.

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

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

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

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

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

SKILLS

Systems administration Security
Full-stack web development
High performance computing
Technical support Game development
Open source Product development

Shell Elixir JavaScript HTML5
CSS3 Python Java C++ Eiffel
Go Perl Processing R ASM

Werc Phoenix Google Cloud
AWS Load balancing Autoscaling
CDN Object storage Databases
Firewalls Web servers Mail servers
Groupware Docker CGI XMPP
RSS reCAPTCHA Image processing
CUDA Qt Git CI Automation
Access control System imaging
Active Directory Polycom
Skype for Business WebEx
Microsoft Office LaTeX
Livestreaming Web 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.