

KYLE (MCNAMARA) FARWELL

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🐙 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 2000+ CPU cores and 2PB+ of storage.

Co-founder & CEO Jun 2018 – Present 📅

VRLFP

Waterloo, ON 📍

- Created the first dating site for virtual reality, attracting 3500+ 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 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 📍

Sole 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 CI/CD Load balancing

Autoscaling CDN Object storage

Databases Firewalls Web servers

Mail servers Groupware Docker

Kubernetes CGI XMPP RSS

reCAPTCHA Image processing

CUDA Qt Git GitLab

Automation Access control

System imaging Active Directory

Polycom Skype for Business WebEx

Office 365 Livestreaming 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.