

# KYLE (MCNAMARA) FARWELL

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in /in/kylefarwell

🐙 kfarwell

## EXPERIENCE

### IT Systems Administrator

May 2018 – Dec 2018 📅

#### McGill University

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

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 a talk at iDate Miami where the software was nominated for two industry awards.

### Co-founder & Developer

Nov 2015 – Present 📅

#### Tokumei

Waterloo, ON 📍

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

### 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.
- Overhauled workstation deployment workflow to improve efficiency and reliability.

### 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

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

kwer

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.