# Reed Jones

# PERSONAL DATA

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# **EDUCATION**

DEC 2017 Computer Engineering Technology

Northern Alberta Institute of Technology, Edmonton

Maintained a GPA of: 4.0

CAPSTONE Live Streaming a Theremin

For my year-end capstone project, my colleague and I built a theremin, and interfaced it with our custom live streaming software. This included a desktop application to accept the incoming audio, and a server

to relay it to visitors of the website.

# **SKILLS**

PROGRAMMING C# Javascript HTML5 LANGUAGES CSS3 PHP MySQL

# **WORK EXPERIENCE**

#### 2017 - PRESENT

## Web Developer at NAVLEGAL INC.

- · Redesigned and developed several of their existing websites including:
  - www.virklaw.ca
  - www.navlegalnotaries.com
  - www.albertaincorporate.com
- Helped format documents to appear more professional before being sent to clients

# **SUMMER 2016**

## Technology Assistant at VALLEY MUSEUM & ARCHIVE SOCIETY

- Developed and designed their new website: www.valleymuseumarchives.ca.
  - Based on a custom WordPress theme
  - Integrated a matching Omeka theme
  - The Omeka section aimed to help showcase the museums artifacts by included an interactive 360 degree view of collection pieces.
- · Configured a network attached storage system with multiple access levels
- Wrote a program capable of connecting the users to the correct file shares dependent on user permissions.

### 2010 - 2016

# Safety Crew at Lake Louise Alpine Ski World Cup

- Part of the small team responsible for installation and tear-down of the safety equipment for the World Cup Downhill Alpine Ski Race and Super-G.
- · Responsible for maintaining sections of the race track during the race.
- · Responsible for reparations to the safety equipment in the event of an accident.

# 2012 - 2015

# Tree Planter at Integrity Contracting

- Working unsupervised, meeting high quality standards and production.
- · Required a high level of physical fitness, mental focus and problem solving.
- Planting trees for Integrity Contracting was an amazing experience. I worked with some of the most unique and interesting people I have ever met. I value the friendships I made.

# PERSONAL PROJECTS AND INTERESTS

### **PRESENT**

### ReedJones.com

Over the years I have used my reedjones.com domain for learning and teaching myself the basics of system administration and website development. I have manually setup and configured many open source alternatives to popular services such as Gmail and Dropbox. I am currently in the process of connecting several Virtual Private Servers (VPS) into a private mesh network, each having its own purpose on the network. Key components currently include a load balancer, HTTP Accelerator and static file server with plans to include a Continuous Integration server, a dynamic website server, and a database server in the future. It is completely overbuilt for hosting a website that receives roughly 20 visitors a month, but I learned a lot setting it all up and it loads really, really fast. I also spent time optimizing the performance of both the server and the website itself.

#### 2017

#### Minesweeper.Zone

Minesweeper.Zone originally started as a school project to build a minesweeper clone using JavaScript. I had so much fun that I kept improving it and incorporated a small PHP back-end connected to a PostgreSQL database for tracking high scores. I self host it and manage maintenance and updates on a small Virtual Private Server. From September to December of 2017, it has been averaging more than 100 unique users per month.

#### 2015

### Nicaragua

For 6 months in 2015, I travelled to Nicaragua to learn to surf. In my time there, not only did I learn to surf and speak a little spanish, and I made a few good friends.

### 2013

### My Cabin

With the help of my brother, my wife, and a few friends, I built a cabin in my home town of Dunster B.C. It's 20 by 24 feet, with a loft. It's not finished yet, but it has a solid foundation, sturdy walls, and a roof to keep the weather out.

### 2012

### New Zealand

My wife and I spent a year in New Zealand on a working holiday visa. In the summer we predominantly picked kiwi fruit on the North Island, spending our free time camping and trekking. During the winter we worked on a dairy farm milking and taking care of the livestock. On our days off we go snowboarding in Queenstown.