

Reed JONES

PERSONAL DATA

ADDRESS:	11571 University Ave NW, Edmonton AB, T6G-1Z4
PHONE:	1-778-888-1808
EMAIL:	reedjones@reedjones.com
WEBSITE:	www.reedjones.com

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 LANGUAGES	C# Javascript HTML5 CSS3 PHP MySQL
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WORK EXPERIENCE

2017 - PRESENT	<p>Web Developer at NAVLEGAL INC.</p> <ul style="list-style-type: none">• Redesigned and developed several of their existing websites including:<ul style="list-style-type: none">- www.virklaw.ca- www.navlegalnotaries.com- www.albertaincorporate.com• Helped format documents to appear more professional before being sent to clients.
SUMMER 2016	<p>Technology Assistant at VALLEY MUSEUM & ARCHIVE SOCIETY</p> <ul style="list-style-type: none">• Developed and designed their new website: www.valleymuseumarchives.ca.<ul style="list-style-type: none">- 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	<p>Safety Crew at LAKE LOUISE ALPINE SKI WORLD CUP</p> <ul style="list-style-type: none">• 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	<p>Tree Planter at INTEGRITY CONTRACTING</p> <ul style="list-style-type: none">• 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	<p>ReedJones.com</p> <p>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.</p>
2017	<p>Minesweeper.Zone</p> <p>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.</p>
2015	<p>Nicaragua</p> <p>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.</p>
2013	<p>My Cabin</p> <p>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.</p>
2012	<p>New Zealand</p> <p>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.</p>