

Alastair Beaumont

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Education

- B.Sc Computer Science with a Software Engineering specialism from the University of Victoria, Faculty of Engineering (graduated April 2016)
 - Received an Honours Entrance Scholarship
 - Alexander Rutherford Scholarship Award (High School Honours)

Technical Skills

- Created fully functional web applications using React-Redux, webpack, nodejs, sass and other technologies
- Experience with using React-Native to build mobile apps for both iOS and Android
- Used scikit-learn to create machine learning algorithms
- Created my own website at <https://www.alastair.ca> and made a web app to find sport streams
- Programming using: Python, C, Java, ARM, C++, PHP, ActionScript 2.0
- Database support and design, using PostgreSQL and SQL
- Experience in setting up protocols to protect against shellshock and SQL injection attacks
- Developed socket applications using TCP and UDP
- Practical experience with protocol design and network security
- Ability to use my good communication skills aligned with my technical knowledge to bridge the gap between requirements and solution development
- Good knowledge of Unix based systems, bash terminal commands, secure shell, GitHub and Subversion

Employment

Developer at Forte Consulting in Victoria

- Date of Employment: April 2016 - Present
- Developed custom software using Java, C# and Python
- Created fully functioning web applications using React-Redux, es6, NodeJS, PHP, Webpack, RESTful API's and many other tools
- Used HTML5, javascript, jQuery, CSS, and Joomla CMS to implement responsive design practices
- Used FME Software for data transformation
- Administrate and design queries for databases with MySQL, Oracle 12c and Microsoft Sequel Server
- Experience with agile Development and Continuous delivery

App Developer at CrowdZero in Victoria

- Date of Employment: November 2016 - Present (Contractor)

- Making a mobile application from the ground up using React-Native and Redux
- Using WEB-RTC and socketIO to make a fully functional chat and streaming mobile application
- Experience with Java and Swift to change the build process to tailor to the needs of the application.

Software Developer at MobileWRX in Victoria

- Date of Employment: March 2016 (side project)
- Working in the Appery environment to help develop a mobile app using the jQuery mobile framework
 - Using HTML, JavaScript and databases to help design everything from the UI to the REST Services
 - Implementing Agile methodologies using a Kanban board (LeanKit)
 - Working 1 on 1 with the CTO of MobileWRX to design, build and debug

Non Technical Employment

Lead Instructor at Byte Camp, Calgary and Victoria

- Date of Employment: July 2015 – July 2016
- Lead week long computer camps for children aged 9-14.
 - Learned: Blender, SWFQuicker, Actionscript 2.0, 3d Modelling

Desktop Technician at Mainland Calgary

- Date of Employment: June 24-26, 2015
 - Helped move computer equipment during an office restack

Summer Senior Camp Leader at Aquatic and Fitness Centres in Calgary

- Date of Employment: July 2009 - August 2014
 - Organized activities for children aged 5-12

CSIA Level 1 Ski Instructor, Fernie

- Date of Employment: December 2011
- Fernie, BC
 - Taught children aged 3-6 how to ski, required patience and the ability to keep learning fun

Volunteer Experience

- July 2007 – August 2008
 - Each summer, helped run day camps at Southland Leisure Centre in Calgary
- December 2010, 2011 and 2013
 - Volunteered over Christmas at the Food Bank and The Mustard Seed in Calgary

Other Qualifications

- Full Class 5 Driving License – no endorsements
- Dual citizen, carrying both full Canadian and European passports
- Certified First Aid/CPR
- Seven summers of customer service experience with the City of Calgary
- CSIA Level 1 ski instructor, White Sail Level 1 and 2
- Enjoy playing Dodge ball, Squash and represented my High School in Soccer