**Barco Zaleta**

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**Programmer / Developer**

* **In final semester of BSc in Computer Science at The University of Auckland,** a course spanning a broad range of theories and practices essential to software construction and design.
* **Personal projects combine creativity, initiative and hard work** toenable application of concepts learned in both academic and private study (Android applications, web design, game construction, scripting etc.).
* **Keen interest in technology** keeps learning relevant and effective, with a personal blog documenting the process and opening up to collaboration.

**Education**

**The University of Auckland** – Auckland ❋ **Bachelor of Science, Computer Science Major**

* **Courses:** Algorithms and Data Structures, Algorithmics, Software Construction, Computer Systems, Distributed Computing, Human-Computer Interaction, Computer Graphics and Image Processing, Enterprise Software Developments, Database Systems, Operating Systems, Discrete Mathematics.
* **Extracurricular:** Participated in inter-university programming contest trials. Attended departmental and research seminars (Computational Computer Vision, Autonomous Robotics – IEEE etc.). Took part in a Windows 8 application programming bootcamp. Participating in various technology experiments including Virtual Reality Environmental Effects studies.

**Technologies**

* **Languages:** Java (Android, J2EE, JavaBeans, Applets, Spring), HTML/CSS/JavaScript (JQuery, AngularJS, MDL), C# (Linq, .NET), C (OpenGL), C++, XML, Bash, PHP
* **Tools and IDEs:** Visual Studio Community 2015, Android Studio 2, Eclipse, Notepad++, Linux Shell, Powershell, XAMPP
* **Versioning:** Git (Github)
* **Databases:** MySQL
* **Office Tools:** MS Office, Adobe Photoshop CS6
* **Operating Systems:** Windows 7/10, Linux (Ubuntu), OS X

**Other Experience**

* Volunteered at a university careers fair demonstrating aspects of learning Computer Science to high school students (2015).
* Consulted with 7G Farms on their requirements for a sales and distribution website, and helped them to settle upon a single-server implementation (2015).
* Ongoing work in both low-level and managerial roles at Suppremo Hospitality enhanced communication skills with clients (2013-).