JACK WITBROCK FINLAY

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Summary

❏ Aspiring to build a successful career in Software Engineering or Computer Science. Constantly seeking to further skills and education through independent study. Experienced in leading and managing teams in research and development projects through study.

Technical Skills

❏ Languages: Java, Bash, C#, Groovy, Javascript, SQL, HTML/CSS
❏ Technologies: Visual Studio, Grails, Git, TFS, SQL server
❏ Operating Systems: Windows 7, 8.1, Phone 8.1; Linux (Debian and RHEL); OS X

Projects

Scriptella HTTP driver - 1 month, 2015 - IT Services Intern project at University of Auckland

❏ Reverse engineered from Scriptella source code, the HTTP driver allows the use of HTTP methods to transfer data in a Scriptella ETL file.
❏ Makes use of technologies such as Maven, Apache HTTP libraries, and MORC mock endpoint testing tools.
❏ Available from the Maven central repository as "scriptella-http".

QuicklyCurrency - 1 Month, 2014 - Microsoft Student Accelerator program deliverable

❏ Developed a Universal app for the Windows 8.1 and Windows Phone 8.1 platforms. Available on the respective stores.
❏ Uses live currency data from a web API to display current exchange rates, and perform conversions between over 150 different currencies.

Near Space on Nearly Nothing - 3 months, 2013 - Computing Technology in Society class group project

❏ Conducted research and developed a system to send a weather balloon to the stratosphere with Arduino microcomputer, GPS tracking, and camera.
❏ Developed software for Arduino microcomputer to relay temperature data via radio.
❏ Lead and managed team of six as project co-ordinator. Co-ordinated with the MetService, Civil Aviation authority and AUT University departments.

Education

Auckland University of Technology, Auckland, New Zealand
      2013 - Present, expected graduation: 2016
- Bachelor of Computer and Information Science - Computer Science and Software Development Majors.

Botany Downs Secondary College, Auckland, New Zealand
      2006-2010
- National Certificate in Electronics Technology, Level 2
- New Zealand Certificate of Education Achievement Levels 1,2,3

Memberships

Student Member - New Zealand Institute of IT Professionals.

Experience

Technical Consultant   April 2015 - Present
Business Mechanix ltd, Auckland

Intern Developer   December 2014 - February 2015
University of Auckland IT Services, Auckland

References
References available on request