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**Jonathan.quach@yahoo.com**

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| **Work Experience** | **MooTechSolutions (Escondido, CA)** 1/2014-3/2014  **Portlet Developer**   * Assisted senior developer in portlet development using LifeRay SDK (Eclipse) for hotel employee usage of customer registration, room booking, and seasonal price management. Personal testing done on Apache Tomcat * About a dozen portlets developed with MVC structure that includes Java, Servlets, and JavaBeans, and JSP with some Javascript, HTML, and CSS.   **Quadrant Studios (El Cajon, CA)** 3/2013 - 6/2013  **Software Volunteer**   * Set up different C++ compilers with Jenkins to monitor history and quality of pre-existent company source code * Use of Erwin, MySQL, SQL Developer to create possible database schemas and test auto-generated scripts * Assist in website design using Adobe Photoshop, Kuler, HTML, CSS, and javascript   **Moog Medical Devices Group (Rancho Bernardo, CA)** 6/2012 – 12/2012  **Software Developer Intern**   * Open-source testing utilizing Google protocol buffers within Microsoft Visual Studio applications for efficient way of using structured data across different programming languages * User interface and graphical display design for new drug infusion product using QT creator and UML to test for most ergonomically acceptable layouts on different screen sizes and ratios based on existing human factors * Used Windows Presentation Foundation to create databinding applications; generating graphical respresentations of XML formatted data * Designed relational databases of drugs and customers using SQLLite and SQL Developer for Java and C++ database applications creation and testing * Perform safety, hazard, risk, and priority analysis of infusion device based on mechanical and software design |

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| **Skills** | * Java, J2EE, JDBC(MySQL), JSP, Core Servlets, HTML, CSS, object-oriented design, data structures * C, C#, C++, Javascript, jQuery, Python, algorithm analysis * **OS:** RedHatLinux, Unix, Windows * Visual Studio, Eclipse (SDK: LifeRay, Android) * Experience in agile, spiral and ICMS development models of project management |

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| **Education** | **Cal State Los Angeles (Los Angeles, CA)**  Dates attended: Fall 2014 - Present  Graduation: Spring 2016; Computer Science MS  **San Diego State University (San Diego, CA)**  Dates attended: January 2008 – December 2012  Graduation: December 2012; Computer Science BS  Software engineering projects ie:  1) Within a team of five, use Java(Swing, JDBC) to create a would-be online pizza ordering application with supporting inventory and order history Oracle database. The team used Incremental Commitment Project Modeling, applying individual task and general deadlines, keep track of costs by lines of code with COCOMO, analyzed risk factors before advancing to next phases, and thoroughly involved "consumer" input. The team also analyzed project requirements, set priorities, and fully planned the software architecture (Software Engineering 2010). |
| **References** | Upon Request. |