Chris Yoon

CONTACT INFORMATION

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HIGHLIGHTS OF SKILLS

Programming Languages: Java, C, C++, Python, Ruby, JavaScript, HTML, CSS, SQL
Frameworks and Libraries: JUnit, Selenium, TestNG, Apache Maven, Dojo Toolkit
Development systems: Linux, Microsoft Visual Studio, Eclipse, Oracle SQL developer

WORK EXPERIENCE

Global Relay – *Java Developer*   *2013 May – 2013 Aug*

- Redesigned the architecture of an existing test automation framework for a web authentication system, enforcing PageObject pattern and OOP principles.
- Contributed to a team practicing agile methodology, fixing software bugs and optimizing unit and Selenium tests, reducing the runtime of the tests by 30%.
- Programmed and maintained Python/Bash scripts for continuous integration testing for Atlassian Bamboo and Jenkins.

Sierra Wireless Inc. – *Software Test Developer*   *2012 May – 2012 Dec*

- Created automated tests in Java using Selenium and TestNG frameworks in a Maven environment for manual-testing scenarios of web applications to increase the testing process more efficient.
- Designed Java libraries for a real-time test status logging system to allow smarter and efficient debugging.
- Collaborated with developers to troubleshoot and fix software and hardware issues with wireless modules.

NTT Corporation – *Lightwave Circuit Researcher*   *2011 May – 2011 Aug*

- Developed data visual analytics tools performing mathematical operations, in C++ for smarter data processing.

MDA Corporation – *System Test Engineer*   *2010 Jan – 2010 Apr*

- Designed and performed detailed generic workflow regression test procedures for product functionality tests.

PROJECTS

Crawljax   *2013 Jan – 2013 Apr*

- Contributed to an open source project, Crawljax, with four other team members using agile development practices such as TDD, user stories and sprint planning.
- Refactored two functionally similar classes into one class and improved crawl configurations by using clever Xpath manipulations.

Sentiment Analysis Mashup   *2012 Nov – 2012 Dec*

- Integrated sentiment analysis, Reddit and Twitter APIs together to create an application where the user can search for keywords and obtain the sentiment of the related posts.

Address Book Web Application   *2012 Nov – 2013 Jan*

- Designed a web application in PHP and SQL where users can add/view/delete contact information.
- Implemented MVC architecture and Observer design pattern to enforce organized and re-usable code.

High Altitude GPS Glider   *2012 Jan – 2012 Apr*

- Refactored and optimized existing software control algorithm, providing fixes to improve the performance and the correctness of the control logic.
- Designed and developed a software noise filter to reduce the noise signal originating from the glider engine, increasing the correctness of the servo PID control by 70%.

EDUCATION

The University of British Columbia

2008 Sept – Present   Expected date of graduation: 2014 April
Bachelor of Applied Science   Cumulative GPA **85.5%**
Major in Engineering Physics, Electrical option