

Chance Miller

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| TECHNICAL SKILLS | Technologies: Java, C++, C#, C, Ruby, JQuery, PHP, JSP, CSS, XML, HTML, Javascript, AJAX, MySQL, MSSQL, LINQ, ASP.NET, Objective-C, Python |
| WORK EXPERIENCE | Google Apr 2015 - Present Software Engineer, Tools and Infrastructure 2 Developing a regression analysis tool using Python and C++ for Google Flights Availability to ensure quality for individual airlines. Developed internal tools using Python and Google-specific languages to run automated unit tests on Google Borg and generate statistics analyzing tens of thousands of production queries daily from Google Flights' QPX engine. Deploy and maintain infrastructure for said tools. Collaborate with Google Flights developers to address issues and desired functionality. |
| | Pegasystems May 2013 - Apr 2015 Software Development Engineer 3 Designed and developed process management tools for Pega's enterprise platform using a combination of Java, Javascript, HTML, and Pega proprietary components. Communicated with customers to develop and deploy hotfixes for urgent issues. |
| | Microsoft Aug 2011 - Apr 2013 Software Development Engineer Maintained and developed a testing harness in C++/C# used by Microsoft's Office division. Collaborated with testers to determine needed improvements. |
| | Intel May 2010 - Aug 2010 Software Engineering Intern Designed and developed an internal C#/ASP.NET application to keep track of silicon inventory, manage wafer route requirements, and generate orders for more materials. Trained teams of workers to use the new software. |
| | MITRE May 2009 - Aug 2009 Software Engineering Co-Op Developed comprehensive XML Schemas for the integration of multiple formerly incompatible military communications standards. |
| ENTREPRENEURSHIP EXPERIENCE | Food Moocher Jun 2008 - May 2009 Developer/Entrepreneur Designed and developed a social website for local users to share free food events. |
| ACADEMIC PROJECT EXPERIENCE | Major Qualifying Project: Submission System Aug 2010 - May 2011 Designed and developed a project submission system to check students' work with unit tests or other metrics, as part of a suite of student-developed applications. |
| | Linguistics Project at Hong Kong PolyU Jan 2010 - Mar 2010 Designed and developed a program to perform comparative move-based linguistic analysis on Hong Kong and United States corporate governance reports. |
| EDUCATION | Worcester Polytechnic Institute (WPI) Aug 2007 - May 2011 Bachelor of Science Computer Science Related Coursework: Discrete Math, Algorithms, Assembler, Webware, Operating Systems, Human-Computer Interactions, Distributed Computing, Databases, Object Oriented Analysis & Design, Data Mining, Linear Algebra Misc: Go Club Treasurer, Ballroom Dance |