

Jason Marcell

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Experience

- **Software Engineer**, Apple, Inc., Cupertino, CA 10/2011 - Present
 - Create tools that exercise hardware functionality for the iPad, iPhone, iPod touch, and future Apple products.
 - Responsible for creating and maintaining test automation tools, stress tests, and data analysis/visualization tools.
- **Software Engineer**, Thermo Fisher Scientific, Inc., Billerica, MA 07/2011 - 10/2011
 - Wrote custom software in C++ for embedded instruments that perform elemental analysis.
 - Wrote software for a new on-board GPS module that allows the user to capture coordinates along with their elemental data.
- **Software Engineer**, RSUI Group, Inc., Atlanta, GA 10/2006 - 08/2010
 - Developed internal enterprise applications for insurance in C#.
 - Wrote software that helped move RSUI towards becoming paperless.
 - Improved the productivity of RSUI's insurance professionals by facilitating the movement and storage of policy information.
- **Software Engineer**, Agentek, Inc., Atlanta, GA 10/2004 - 10/2006
 - Wrote embedded software for ruggedized mobile devices for various Fortune 500 companies in the trucking and field service industries to improve field data collection and distribution in areas such as routing and package delivery and confirmation.
 - Wrote a scripting language in C++ to facilitate the automatic provisioning and configuration of ruggedized mobile devices.

Education

- **Cornell University**, Masters of Engineering Computer Science 08/2010 - 05/2011
 - Cumulative GPA: 3.71
- **Georgia State University**, Computer Science Post-Baccalaureate 01/2008 - 05/2010
 - Cumulative GPA: 4.02
- **Georgia Institute of Technology**, Bachelors of Science Electrical Engineering, 08/2000 - 07/2004
 - Dean's List 4 Semesters, Cumulative GPA: 3.00

Relevant Coursework

Analysis of Algorithms, Software Engineering, Information Retrieval, Computer Organization and Programming, Computer Architecture, Operating Systems, Automata, Programming Language Concepts, Discrete Math, Math Models for Computer Science, Intro to CS, Object-Oriented Programming, Intro to Computer Engineering, Embedded Microcontroller Design.

Technologies

Continuous Integration, Test-Driven Development, Testing, xUnit, Git, Subversion, Machine Learning, Natural Language Processing, Information Retrieval, Arduino, C, C#, Cocoa, Hibernate, Java, JUnit, NHibernate, NUnit, Objective-C, Rhino Mocks, Ruby, Rails