

Michael Giuffrida

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Software Engineer at Google with extensive software development experience in corporate and research settings; exceptional problem-solving and analytical skills; and dedication to professional, academic and personal endeavors

EDUCATION

Yale University, New Haven, CT: B.S. Computer Science (Spring '13).

- Machine Learning senior project: [String Subsequence Kernel for Text Classification](#)
- Database Systems final project: Added SQL parser and lexer, and began work on query planner and executor, for Calvin, a prototype deterministic distributed database presented to SIGMOD '12
- Computer Graphics final project: Created an [FPS game](#) in C++ with OpenGL

Virginia Commonwealth University, Richmond, VA: 4 mathematics and music classes, during high school

WORK EXPERIENCE

Google: Software Engineer (Fall 2013 – present)

- Developing the next generation of operating system user experiences with Chrome OS

Yale University: Peer Tutor (Spring 2013)

- Coached students in data structures and algorithms and worked on their problem solving techniques

Microsoft: Software Development Engineer Intern (Summers 2010, 2011, 2012)

Summer 2012: Implemented key new features for Windows 8 People app

- Each summer has included responsibility for design specs, code quality, unit tests, performance tests, and localization and accessibility considerations

Summer 2011: Added essential UI and platform features to Windows 8 Calendar app

- Created and refined user interface for creating and editing calendar events
- Implemented generation and sending of iCalendar meeting requests
- Contributed to resolving issues with Windows 8 and new Modern app development

Summer 2010: UI development for Windows Live Messenger

- Added animations and transitions; developed various bug fixes
- Independently researched and prototyped options for upcoming transition to Windows 8

Yale ITS: Student Technician (Fall 2011, Spring 2010)

Hardware and software diagnosis, repair, and support for students; maintenance of university computers

Yale School of Forestry and Environmental Studies (Fall 2008)

- Assisted in development of a new infrastructure Web site for students and faculty

Ironworks Consulting: Developer (Summers, 2005-2009; part time, Fall 2009)

Website and web application development for national clients

- Defined requirements; designed, programmed, tested, deployed, and stabilized web applications; maintained production servers
- Used such technologies as HTML/CSS/JavaScript, C#/ASP/SQL Server and Business Intelligence Studio
- Maintained professional contact with clients including the American Cancer Society and AMF Bowling

LEADERSHIP

Yale University

- President, Yale Hackers, Fall 2011 – Spring 2012. Led first 24-hour Yale Hackathon.
- Director of Events, Yale Undergraduate Computing Organization, Fall 2009 – Spring 2010
- Executive Director, *Logos* Magazine, Fall 2009 – Spring 2010. Oversaw redesign of magazine.

PROFICIENCIES

- Experienced in C, C++, JavaScript, CSS, and SQL
- Moderately experienced with PHP and Python; previous experience includes C# and Java