Zach Waterson

software developer

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Education:

University of Notre Dame
Bachelor of Science in Computer Science *(expected May 2016)*
Minor in Philosophy, Politics, and Economics
GPA: 3.97 / 4.0

Experience:

Apple, Inc.
Software Developer Intern *(May 2015 – August 2015)*
• Designed and developed an iOS app from concept to implementation for internal use
• Presented to multiple top-level executives from different divisions within Apple

Campus Rep, Notre Dame *(February 2014 – December 2014)*
• Assisted in the planning and execution of an iTunes U Boot Camp to help faculty become comfortable with incorporating technology in their classrooms
• Served on the Student Government Campus Technology department, collaborating with University administration to promote more effective use of technology in the classroom

Growing the Faith, Inc.
Software Developer Intern *(June 2014 – August 2014)*
• Expanded features for OneParish, a comprehensive digital solution for Catholic parishes, including directory, donation, and calendar access
• Developed an easy-to-use web interface for administrators to view on-boarding statistics for parishes, including active user counts, donations, and install base

Notre Dame Office of Information Technologies
Software Developer, ND Mobile *(November 2012 – Present)*
• Redesigning Notre Dame's mobile website and app, adding feature-rich modules and unifying the experience across platforms and web. Modules include weather, webcams, and transit
• Developed module to allow students to request rides from campus safe ride service, enabling students to submit requests to dispatch servers from an app or web

Notre Dame Student Hackathon
First Prize *(October 2012)*
• Won first prize with social quiz iOS game named "Q&A" in which players choose a word and write a question with that word as the solution for friends to answer
• Presented at the Notre Dame Mobile Summit to a panel of faculty and administrators

Projects:

FlexPoint Finances *(iOS)* • Whiteboard2Website *(C++)* • Tangents *(iOS)* • personal website *(web)*
Jenkins Shake *(iOS)* • Piranha *(iOS)*

Languages:

Objective-C • C/C++ • JavaScript • Swift • PHP • Python • Bash • Ruby • MySQL

Courses:

Fundamentals of Computing • Logic Design • Discrete Math • Data Structures • Data Mining
Computer Architecture • Human-Computer Interaction • Database Concepts • Operating Systems
Theory of Computing • Artificial Intelligence • Programming Paradigms