Matthew Widmann

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OBJECTIVE   Obtain a software engineering internship working with a team to produce or improve an internal tool or customer-facing application.

EDUCATION

University of Michigan, Ann Arbor, MI   December 2014
Bachelor of Science in Engineering in Computer Science
Relevant Coursework: Advanced Object-Oriented Programming, Operating Systems, Data Structures and Algorithms, AI, Compiler Construction, Cryptography

University of California, Santa Barbara, CA   February, 2009
Bachelor of Science in Computer Science   GPA: 3.7/4.0
Literature, Science, and Arts Honors Program; Dean's List
Relevant Coursework: Advanced Algorithms

PROJECTS

Unit testing framework, *C library* (own initiative)   August 2013
Testing framework with timeouts, crash recovery, and flexible reporting features for embedded development

Naval simulation, *C++ command-line program* (class-directed)   April 2013
Simulation of ships traveling between islands with flexible display options and unique ship behaviors

Options parsing library, *C library* (own initiative)   March 2013
Replacement for `getopt.h` with automatic usage statements and modern API

Bookmarking browser extension, *Safari extension* (own initiative)   June 2012
Browser extension for adding bookmarks to the Pinboard bookmarking service

Lightning distance calculator, *Mobile web app* (own initiative)   November 2011
Offline web application for iPhone that calculates distance to lightning strikes

LATEX live preview, *Mac OS X application* (own initiative)   October 2011
Live updates of LATEX documents as they change, written in 24 hours for a Facebook hackathon

WORK EXPERIENCE

Far Above Average, San Francisco, CA   June 2008 - September 2008
IT Technician Intern   June 2007 - September 2007
- Collaborated with three other full-time technicians on deployments, networking, and server management
- Manned onsite help desk at venture capital firms in Silicon Valley
- Worked during off-hours on computer and conference room issues
- Troubleshooted all manner of computer problems on Windows XP, Vista, and Mac OS X systems

COMPUTER SKILLS

Platforms:	Mac OS X, Linux, Windows XP, Vista, 7
Languages:	C, C++, Bourne shell, Objective-C, JavaScript, Ruby, Python, HTML, R, LATEX, AppleScript, Go, Io, Java
Applications:	vim, git, Xcode, Microsoft Word/Excel