

BRIAN JACOBEL

PERSONAL INFORMATION

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EDUCATION

Bachelor of Arts **2010–Present** Bowdoin College
GRADUATION: May 2014 · MAJOR: Computer Science MINOR: Math · GPA: 3.469
My studies at Bowdoin have focused on security, robotics, software development and the interdisciplinary nature of computer science.

WORK EXPERIENCE

Web Development Intern **Summer 2013** Digital Technology Intern, ATLANTIC MEDIA
Worked with a small, agile team of full-stack developers on the PHP and Django codebases supporting Atlantic Media's digital properties, including theatlantic.com and theatlanticwire.com. Participated in standups and code reviews, and deployed code to production weekly.

Full-stack Developer **2013–2014** Web Developer, THE BOWDOIN ORIENT
Maintained and expanded a bespoke PHP/MySQL CMS backing the digital efforts of Bowdoin's campus weekly. Handled all front-end development for bowdoinorient.com.

Networking Intern **2010–2011** Networking Intern, BOWDOIN COLLEGE INFORMATION TECHNOLOGY DEPARTMENT
Worked with the Network Operations branch of Bowdoin College's IT department. Provided support for wireless networks and clients, and assisted in preparations for a complete wireless system overhaul.

Tutor **2011–Present** QSkills Tutor, BOWDOIN COLLEGE CLT
Member of the Center for Learning and Teaching's Quantitative Skills tutoring program and six-semester teaching assistant for Computer Science 101. Responsibilities included holding weekly study groups and helping students master computer skills and basic Java.

RESEARCH EXPERIENCE

Maine Space Grant **Summer 2012** MSG Consortium Fellow · BOWDOIN COLLEGE
Awarded a grant by the Maine Space Grant Consortium, a NASA affiliate, to conduct summer research on robot localization and wireless communication. The summer's research involved a trip to the international RoboCup robotics competition in Mexico City.

Gibbons Fellow **Summer 2011** Gibbons Fellow · BOWDOIN COLLEGE
Awarded a grant from Bowdoin College Information Technology to conduct research with Prof. Daniela Oliveira on a system to combat control-flow hijacking attacks in virtual server environments.

SKILLS

Basics Windows, OS X, Linux, Microsoft Office, Adobe CS

Languages Java, C++, Python, PHP, Objective-C, Javascript, x86/ARM Assembly

Web Development HTML, CSS, CodeIgniter, Django, jQuery

Database & Systems Debian, RHEL, Apache, Nginx, MySQL/MariaDB, Redis

Misc. Git, Emacs, iOS SDK, LaTeX

November 10, 2013