

# BRIAN JACOBEL

## PERSONAL INFORMATION

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## EDUCATION

*Bachelor of Arts*    **2010–Present    Bachelor of Arts · BOWDOIN COLLEGE**  
GRADUATION: May 2014 · MAJOR: Computer Science MINOR: Math · GPA: 3.469  
HONORS: Sarah and James Bowdoin Scholar (Dean's List)  
My studies at Bowdoin have focused on security, robotics, software development and the interdisciplinary nature of computer science.

*Selected Coursework*    Computer Networks · Artificial Intelligence · Algorithms · Open Source Software Development · Computer and Network Security · Geographic Information Systems · Advanced Topics in Applied Math · Independent Study in Web Development

## SKILLS

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

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

*Web Development*    HTML, CSS, CodeIgniter, Django, jQuery

*DB & Systems*    Debian, RHEL, Apache, Nginx, MySQL/MariaDB, Redis

*Misc.*    Git, Emacs, iOS SDK, LaTeX

## 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](http://theatlantic.com) and [theatlanticwire.com](http://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 [bowdoinorient.com](http://bowdoinorient.com), a bespoke PHP/MySQL CMS and website for Bowdoin's campus newspaper. Responsible for all online feature development, support and visual design. During tenure, the Princeton Review named the Orient the nation's best liberal arts college newspaper.

*Tutor*    **2011–Present    QSkills Tutor · BOWDOIN COLLEGE C.L.T.**  
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 programming skills and basic Java.

*Networking Intern*    **2010–2011    Networking Intern · BOWDOIN COLLEGE I.T.**  
Worked with the Network Operations branch of Bowdoin College's Information Technology Department. Provided support for wireless networks and clients, and assisted in preparations for a complete wireless system overhaul.

## 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.