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
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   OS X, Linux, Windows, Office, Adobe CS
Languages   Java, Python (proficient), C++, Javascript, PHP (experienced), Ruby, Objective-C, Perl (familiar)
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 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 bowdoinorient.com, a custom 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.

November 17, 2013