

James Boyle

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Education

Bowdoin College	Brunswick, ME
<i>Bachelor of Arts, Computer Science, GPA (cumulative): 3.84</i>	2013-2017
<ul style="list-style-type: none">• Sarah and James Bowdoin Scholar all applicable years• 2016 CBBHacks Hackathon, Second Place	

Experience

Bowdoin College	Brunswick, ME
<i>Enterprise Systems, Special Projects Assistant</i>	July 2016-Present
<ul style="list-style-type: none">• Led development of Bowdoin Shuttle Service web app page and assisted in aspects of development for other components• Founded Student Developer pilot program in which undergraduates lead software projects in collaboration with Bowdoin College Enterprise Systems	

Bowdoin College	Brunswick, ME
<i>Surdna Research Fellow, Computer Science Department</i>	May 2016-July 2016
<ul style="list-style-type: none">• Automated the process of model generation for electrical loads for basic load types with the goal of using the models to provide real-time energy usage data for homeowners• Generated models that decreased the residual sum of squares (error) by 60% on average in comparison to previous modeling techniques	

Lockedout.io	New York, NY
<i>Business Intern</i>	May 2015-July 2015
<ul style="list-style-type: none">• Wrote a script with python and the Twitter API to advertise our service via a Twitter bot• Compiled data on 100+ "Uber for X" companies and compiled NYC locksmith price data to influence business strategy• Increased weekly customers by improving the online presence of the Lockedout service• Shifted customer acquisition strategy from ad-based to review-based	

Schomer and Associates, Inc.	Champaign, IL
<i>Associate</i>	2011-August 2014
<ul style="list-style-type: none">• Analyzed acoustic and human response data, collected sound level data, and contributed to reports for clients• Coauthored, edited, and contributed to peer-reviewed journal publications in acoustics• Presented at the International Congress on Acoustics, Montreal, Quebec, 2013• Designed visitor soundscape surveys for the National Park Service with Dr. Schomer	

Projects and Activities

Current Projects: Bowdoin Shuttle App (iOS, Swift), continuing automated electrical load modeling

Past Projects: Obsoleted old software by simplifying workflow and writing utilities for bioinformatics software at Bowdoin College

Activities: Information Technology Advisory Council club leader, Computer Networks tutor