

Daniel Swann

Infrastructure/DevOps Software Engineer with experience in scalability, security, and system administration
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CONTACT INFORMATION

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EDUCATION

Johns Hopkins University, Class of 2015 and 2016

Baltimore, MD

Concurrent B.S/M.S. in Computer Science; Entrepreneurship and Management minor

M.S. expected May 2016

Major GPA: 3.28 - Dean's List Fall 2012 and 2013

Relevant Coursework: Operating Systems, Parallel Programming, Cryptography, Algorithms, Networks, Scalable Computing

WORK EXPERIENCE

SocialToaster, Inc.

Baltimore, MD

DevOps Software Engineering Intern

August 2015 – present

- Responsible for cutting down the software release cycle from monthly to weekly by developing a streamlined, automated production push procedure using Chef, Jenkins, and Python

Skyhigh Networks, Inc.

Campbell, CA

Infrastructure Software Engineering Intern

June 2015 – August 2015

- Implemented continuous integration deployment strategies to hundreds of production servers via a combination of Python development and Jenkins automation

Microsoft, Inc.

Redmond, WA

Software Development Engineering Intern, Microsoft Office File IO Team

May 2014 – August 2014

- Designed and implemented a C#-based web dashboard to provide in-depth data analytics about Office client open/save file telemetry; including performance, usage, and error data aggregation

Qualcomm, Inc.

Raleigh, NC

Software Engineering Intern, CPUT Infrastructure Team

June 2013 – August 2013

- Developed, documented, and unit tested internal Perl command-line software tools to benchmark and support verification of the next generation of Qualcomm Snapdragon mobile processors

Johns Hopkins University Applied Physics Laboratory

Laurel, MD

Technical Intern, Force Projection Department

June 2012 – August 2012

- Utilized the Core Java and Swing APIs to parse and convert a binary GIS database into XML data representations for import and export to other internal Java applications
- Obtained a Secret level security clearance for work on classified sponsor projects

Johns Hopkins Student Technology Services

Baltimore, MD

Web Application Developer

September 2011 – April 2014

- Designed, developed, and documented PHP-based web applications for various JHU departments

TECHNICAL SKILLS

Proficient: C/C++ standard libraries, Java 7, Python 2.7, Linux system administration

Experienced: Apache, AWS, Bash scripting, Chef, HTML/CSS, Hadoop, Jenkins, OpenStack, Perl 5, PHP, MySQL, nginx

Familiar: Android SDK, Ansible, Django, Drupal, JavaScript/jQuery, Parse, WordPress

ACTIVITIES AND LEADERSHIP

HopHacks Student-Run Hackathon Team (hophacks.com), Co-founder and organizer

June 2013 – present

Johns Hopkins Association for Computing Machinery, Vice Chair (2014-2015), Treasurer (2013)

May 2013 – present

Boot-up Baltimore Non-Profit Organization, Computer Refurbisher

September 2012 – present

Theta Tau Professional Engineering Fraternity, Theta Delta chapter, Technical Chair

May 2012 – May 2015

EXTRACURRICULAR PROJECTS

Greylock Hackfest July 2015: Developed NearMe, a professional networking iOS application with a Parse backend

Custom PHP-Based Event Management Web Application (hhs.jhu.edu): Web app for JHU prospective students and hosts