

**Daniel McLaughlin**  
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## Education

**University of Maryland**, College Park, MD  
B.S. in Computer Science  
Certificate in LGBT Studies

Graduation: May 2016  
GPA: 3.0

## Skills

### Programming Languages

C, Python, Java, HTML, CSS, PHP, MySQL, Javascript, Ruby, Bash, Y86 Assembly, Ocaml

### Computer Science and IT

Data Structures, Git, Vim, Threading, Automation, Virtualization, Cisco ISO, Sockets

### Professional Skills

Professional Writing, Public Speaking, Project Management, Treasury Management

## Projects and Hackathons

### Link State Packet Simulation

Spring 2015

Ruby project using sockets and threads to simulate Link State Packets between virtual hosts.  
Group project implementing Dijkstra's algorithm based routing tables.  
Additional School Projects include use of Data Structures, scripting, and OOP practices.

### bitcamp\_roomba

April 2015

Bitcamp 2015 project using Roomba, Webcam, Raspberry Pi, Twitter Rest API and python  
Automated movement and picture tweeting Roomba, @bitcamp\_roomba on Twitter.  
Other Hackathons include Daemon Dash 2014 and HackNC 2014

### Project #

Ongoing

Python game that uses Twitter social data and hashing to create an interactive "dungeon".  
Currently designing future expansion to dynamically build paths and add gameplay mechanics.  
Scholarship in practice of LGBT Studies and Computer Science.

## Work Experience

### Network Administrator

University of Maryland  
October 2013 - Present

Manage 300+ clients across different platforms, including Windows and Linux.  
Integration between platforms through DNS, SAMBA, DHCP, Kerberos, and LDAP.  
Maintenance of website, mail systems, and authentication through git repositories.

### IT Intern

BookHolders  
June 2015 – October 2015

Citrix Virtualization to build and deploy web servers for various coding projects.  
Small hardware projects involving Raspberry Pi and networking to provide store services.  
Responsible for goal oriented deadlines affecting business operations.

### Teaching Assistant

University of Maryland  
September 2013 - December 2013

Grading Teaching Assistant for Object Oriented Programming II (CMSC132).  
Instructed students on various OOP skills; including Data Structures and Java.  
Administered on-site office hours to troubleshoot students' project and test code.