

**John Herndon**  
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## **EDUCATION**

### **Georgia Institute of Technology, College of Computing**

Bachelor's Degree in Computer Science

- Teaching Assistant: CS 1332 - Intro to Data Structures and Algorithms
- Zell Miller Scholarship Recipient; **Current GPA: 3.92**

**Atlanta, Georgia**

*Expected May 2018*

*Spring 2016*

## **EXPERIENCE**

### **Motorola Solutions**

*Embedded Software Engineering Intern*

- Migrated TestRT unit tests into CPPUTest format with python scripts.
- Reproduced defects in radio devices and investigated their cause.
- Created unit testing framework for android device with Robolectric and Mockito libraries.
- Implemented persistent kernel logging to android device using C and a shell script.

**Plantation, Florida**

*Winter 2015*

### **Atlanta Access and Excel**

*Freelance Consulting Intern*

- Used UIPath to extract data from a website where data was temporarily stored.
- Utilized Excel and Access / SQL to transform data into a readable format.
- Observed a requirements gathering meeting.

**Atlanta, Georgia**

*Winter 2015*

### **Elavon Merchant Services**

*Quality Assurance Intern*

- Ran tests against an online API on a Jenkins server.
- Automated QA test cases using SoapUI and Groovy script library.

**Atlanta, Georgia**

*Spring 2015*

### **Georgia Tech College of Science**

*Student Worker*

- Kickstarted and migrated new computer systems.
- Installed and routed new servers, handled inventory changes.
- Provided general computer assistance for other workers throughout building.

**Atlanta, Georgia**

*Summer 2013*

## **PROJECTS**

- Java:** Project Manager for CS 2340 class making android app (Spring 2016).  
Drill Writing application for marching band visual design (Fall 2015).
- Python:** Wrote scripts to solve over 100 math problems from projecteuler.net.  
Used curses library to make roguelike game with random level generation in unix shell.
- Front-End:** Wrote HTML / CSS and Javascript hosted on Github Pages to showcase my programming projects and involvement in musical ensembles (link at top).

## **SKILLS**

- Languages:** Java, Python, C, C++, Shell, Groovy, SQL, HTML, CSS, Javascript, jQuery.
- Software:** Vim, IntelliJ, Android Studio, Unix command lines, SoapUI, Git, SourceTree / Stash, JIRA, UIPath, Microsoft Excel / Access / Word / Powerpoint.

## **ACTIVITIES**

- Leadership:** Chi Psi Fraternity - Pledge Class President of Spring 2015  
FIRST Robotics team 4026 (Programmer and Driver)  
FIRST Technical Challenge team 6173 (Captain and Head Programmer)
- Volunteering:** FIRST Technical Challenge Lead Software Inspector