

Full-Stack Developer

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# **Work Experience**

**HackStart** 

May 2015-Present

Alpharetta Georgia

### Founder and Executive Director

Founded 501(c)3 nonprofit aimed at building a collaborative computer science community in high schools. The organization currently operates primarily in Alpharetta, Georgia, and works towards its goal by organizing hackathons.

- Raised approximately \$12,100 in contributions and in kind
- Directed technology, sponsorships, logistics, marketing, and outreach for two major hackathons
- Engaged over 140 high school students

### **Auber Instruments**

Aug 2012-Present

Alpharetta Georgia

#### Part Time Technician

- Designed and Implemented automated shipping system
- Designed, Modeled, and 3D printed product parts and prototypes
- Scripted and recorded instructional videos for products
- Tested Electrical Equipment, handled Quality Assurance, Assembled products

# Augmented Environments Lab Aug-Dec 2015

Atlanta Georgia

#### Research Intern

• Built a mobile geolocation broadcaster in virtual space using node.js, socket.io, and argon.js

# ★ Awards and Honors

- 2014 FBLA Desktop Application Programming 5th in Nation, 2nd in State
- 2015 Georgia Tech Ideas2Serve Graphic Design Winner
- 2015 MHacks VI Sponsored Prize Winner
- 2015 FBLA Mobile Application Programming 4th in State
- 2015 FBLA Computer Game and Simulation 2nd in State

# **Education**

Alpharetta High School 2012-2016

High School GPA: 4.50

Advanced Coursework

AP Computer Science A 2014 AP Calculus BC 2015

Algorithms (Self Study) 2014 Machine Learning (Self Study) 2015 Web Application Architectures (Self Study) 2015

## Georgia Institute of Technology 2015-2016

**Dual Enrollment** 

Courses

Calculus II 2015 Calculus III 2016

# **P** Skills

### Languages

Proficient Java JavaScript

Familiar C# PHP Python Ruby

# Web Development

Proficient HTML CSS D3.js Node.js

Angular 2 jQuery

Familiar Ruby on Rails Flask

## Tools and platforms

Proficient Git Android

Familiar Bash SciPy NumPy MySQL

MongoDB SQLite

### Design

Proficient Latex InDesign Illustrator

Familiar Photoshop