

## **Andrew Banks**

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**Major/ Degree** Bachelor of Computer Science (Expected date of graduation May 2018)

### **Education**

- University of Maryland College Park
- Related Classes: CS 422 Machine Learning – CS 420 Data Structure – CS 434 Human Computer CS 435 Software Engineering – Advance Java – Advance Web Tech – Astro 330 Solar System Astro 300 Stars and Stellar – Astro 398 Black Holes

### **Technical Skills/ Coding Languages**

- Java, Linux, Python, C++, C#, C, Java script, HTML/CSS with APEX and Salesforce, SQL
- Software development, Software engineering, Image processing, Computer vision, Deep Learning,
- Artificial Intelligence, Machine learning, Data Science, Augmented Reality.

### **Experiences**

- White House Internship:  
Software Application Interns work with the Software Automation and Technology (SWAT) Team helped computer usage and business processes in the Executive Office of the President, provided software development, business process, and engineering services.
- Yale Hacks 10/2016:  
Built an Augmented Stock Visual in 3 D. Using Nasdaq API, C#, Unity, Vuforia SDK, PHP server.
- Hopkins Hack 10/2016  
Created a Family Budget Monitor in real time using Capital One Nessie API  
A real time budget monitor that can access from various IOT devices like pebble smart watch and Amazon Echo. Used C, programmed in JAVA.
- Hackathons attended: UMBC, Hack NC Chapel Hill, Bit Camp UMD, M Hacks
- Other Creations: Shoe Buying Bot – Created android game - MYO arm band game - animatronic hand
- Built LED Strip lights to coincide and show sentiment analysis of incoming tweets

### **Leadership**

- Terrapin Hackers team leader at Hopkins Hack and Yale Hack
- Gymnastic Team UMD traveling gymnastics team, Free Style, Tricking, acrobatic team leader
- Physics project team leader
- Boys Scouts of America Scout leader

### **Activities**

- Gymnastic, tricking, vault, tumbling – Scuba Diving certified – Fishing – Hiking - Karate