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 Structures – CS 434 Human Computer interaction CS 435 Software Engineering – Advance Java – Advance Web Technologies – 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, experience with agile development cycle
- 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:
  Created an app where looking at logos would display real time stock information in augmented reality using the Nasdaq API, C#, Unity, Vuforia SDK, and a PHP server.
- Hopkins Hack 10/2016
  Created a Family Budget Monitor in real time with various IOT devices such as pebble smart watch and Amazon Echo. Used C, java, and Capitol One Nessie API.
- 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
- Used an LED Strip lights to 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