

Andrew Banks

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<http://zorodome.com/> <https://github.com/andrewbanks17>

19 Year Old; Expected graduation date: May 2018

Job Experience

- White House Intern: Executive Office of the President: Software and Automation 5/2015-8/2015
- Created a Goods and Services request form tracking application for requests upwards to \$3,500,000
- Created an application for emergency preparedness.

Education

- University of Maryland College Park (Currently enrolled 3rd year) 3.0
- Montgomery College, Rockville Maryland (enrolled as High school student) GPA 3.9
- Phi Theta Kappa National College Honor Society member/ Deans List

Computer Science Classes/ Related Courses

CS 422 Machine Learning __ CS 420 Data Structure __ CS 434 Human Computer Interaction

CS 435 Software Engineering __ CS 250 Discrete Structure __ CS 289 Rise of Machine

Computer Systems __ Object Oriented __ Java __ Advance Java __ Digital Tools Visual Arts

Advance Professional Web Technology __ Astro 300 Stars and Stellar __ Astro 340 Universe

Astro 330 Solar System __ Astro 398 Black Holes

Technical Skills/ Coding Languages

- Java, Linux, Python , C++, C#, C, Javascript, HTML/CSS with APEX and Salesforce

Projects (Outside of classroom)

- HackUMBC Baltimore Maryland: Created 9/2014
 - Created an simple android game
- HackNC Chapel Hill 10/2014
 - Created a simple game where you manipulated a ball with a MYO arm band
- Bitcamp University of Maryland 4/2015
 - Manipulated a led strip to show sentiment analysis of incoming tweets
- MHacks University of Michigan 2/2016
 - Created to robots that conversed with each other.
- Hopkins Hack 10/2016
 - Created a budgeting system that displayed a families budget on multiple iot devices such as the pebble watch and amazon echo using the capital one api.
- Yale Hacks 10/2016
 - Created an app were looking at logos would display real time stock information in augmented reality.
- Created an Animatronic hand controlled by multiple servos
- Created a Bot to buy shoes so that buyer can be one of the first to make purchase by scraping info using selenium and the tweet invi library.
- Created a tiny security camera using a Pi Zero

Activities

- Boy Scouts of America, Life Scout 2004-2014
- UMCP Gymkana team member (gymnastics, tricking, vault, tumbling •
Scuba Diving certified, Fishing, Hiking

Leadership Positions

- Terrapin Hackers team leader at Hopkins hack and Yale Hack.
- Gymnastic Team: Free Style movement team leader
- Physics Project team leader
- Boys Scout of America; Patrol Team Leader