Andrew Banks

8732 Falls Chapel Way, Potomac, MD 20854   (301)529-0899

andrewbanksmail@gmail.com   http://zorodome.com https://github.com/andrewbanks17

Degree Bachelor of Computer Science, Minor in Astronomy (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 – Advanced Java – Advance Web Technologies – Astro 330 Solar System Astro 300 Stars and Stellar – Astro 398B Black Holes

Technical Skills/ Coding Languages

- Java, Linux, Python, C++, C#, C, Java script, HTML/CSS with APEX and Salesforce, SQL, Opencv, Scikit-learn, HP UFT (QTP) with VBS and quality center, experience with the agile development cycle
- Software engineering, Test automation, Image processing, Computer vision, Machine learning, Augmented Reality

Leadership

- Lockheed martin test automation lead for the Atlassian tools team
- Terrapin Hackers team leader at Hopkins Hack and Yale Hack
- Gymnastic Team UMD traveling gymnastics team, Free Style, Tricking, acrobatic team leader
- Boys Scouts of America Scout leader

Job Experiences

- Lockheed Martin Software Engineering Internship: 5/22/17 - present
  I was on the Atlassian tools team supporting enterprise operations. My tasks focused on introducing testing automation to the tools using HP quality center and UFT, and maintaining the tools. I worked on 3 teams: Atlassian tools team, Business action tracking, and the on-demand server activation team.
  - Developed an automated script that deactivated inactive users from the JIRA environment of over 9000 users.
  - Developed test automation scripts for various complex plugins within the Atlassian tools and set up testing environments for other coworkers within the Atlassian tools team for future test plans
- White House Internship: 6/2/15 – 7/24/15
  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.
  - Created a request system that allowed employees to request equipment up to a value of $3,500,000.

Projects

- Software engineering: 5/2017
  Developed and published a chrome plugin that allows encrypted messages to be easily sent through gmail using PGP encryption.
- 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

Last updated 8/11/17

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.

- Other Hackathons attended: UMBC, Hack NC Chapel Hill, Bit Camp UMD, M Hacks
- Other Creations: Shoe Buying Bot - MYO arm band game – A physical platform that balances a ping pong ball using image processing.
- Used an LED Strip lights to show sentiment analysis of incoming tweets using java, tweet invi, and the metamind api

Interest

- Gymnastic, Tricking, Tumbling, Scuba Diving certified, Fishing, Hiking, Karate, Life scout