James A. Harris

203 Serendipity Way • Dallas, Georgia 30157 • (609)802-7512 • jamesharris456@gatech.edu

OBJECTIVE

To obtain a full or part time summer internship for the Summer of 2016.

EDUCATION

Georgia Institute of Technology   **Atlanta, Georgia**
- Bachelor of Science in Computer Science (Expected Graduation 2019).   *August 2015 - Present*
Robbinsville Highschool   **Robbinsville, NJ**
- GPA of 4.525 on 5.0 Weighted Scale.   *September 2010 - June 2015*
- Achieved Certificate for Harvard University's online CS50x course during senior year.

SKILLS

Concepts: Linux directory structure, LAMP/LEMP stacks, basic application and web security, basic cryptography, object oriented programming, searching and sorting algorithms and efficiencies.
Programming, Scripting, and Markup Languages: C, C++, Java, LabView, JavaScript, Python, PHP, HTML, CSS.
Spoken Languages: English (Native), Italian (Basic).
Applications: Microsoft Word, Excel, Powerpoint, Visual Studio, Eclipse.
Operating Systems: Windows, Linux.

Experience

Mercer County Library   *August 2014*
- Volunteered at local library over the summer, helping children in the summer reading program.
- Signed children into the program, gave out prizes, checked reading logs, and helped with some office work.

PROJECTS

Password Protected Internet Radio Server
- Created a private internet radio server for friends to listen to music on, hosted on a Digital Ocean VPS.
- Gained first-hand experience with web security including obtaining SSL certificates.
- Implemented the PHP, JavaScript, HTML5, and CSS programming/markup languages.
- https://www.yoloswagg.in
JavaScript IRC Bot
- Used JavaScript and several APIs, including the Yo API, to create a modular IRC bot.
- Includes functionality ranging from math, to user profiles, to basic encryption.
- https://github.com/JH456/Pann-IRC
C++ Text-based Blackjack
- Programmed Blackjack in C++ with entertaining ASCII graphics.
- Gained experience with C++ concepts such as pointers and linked-list usage.
- https://github.com/JH456/Text-Based-Blackjack

ACTIVITIES or LEADERSHIP

FIRST Robotics Competition   *September 2012 - June 2015*
- Programmed the competition robots in the LabView language from 2013 – 2015.
- Became leader of the software team for the 2015 competition.
- Trained underclassmen in programming and handled most robot software.
- Won three district/regional competitions and advanced to the World Championships in 2015 season alone.
- Acquired public speaking skills by presenting robot demonstrations and attending fundraisers and trade shows.
- http://frc2590.org
Technology Student Association   *August 2013 – April 2014*
- Led TSA video game design team for Robbinsville Highschool.
- Using Java, performed majority of the video game programming.
- Created large portion of the game's pixel art.
- Acquired experience in Java graphical programming.