

Rahul Viraj Brahmam

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OBJECTIVE:

To obtain a Summer 2018 web development based internship.

EDUCATION:

Georgia Institute of Technology, Atlanta, GA

August 2015 – Present

- Bachelor of Science in Computer Science
- Threads: Information Internetworks, Intelligence

Expected Graduation: May 2019

WORK EXPERIENCE:

Saora Industries, Kuala Lumpur, Malaysia

May 2014 – May 2015

Intern Engineer on Water Lilly Project

- Developed an affordable solar-powered water filter, that provides clean drinking water to rural Malaysian villages
- Refined the water filtration process, such that electrical power is not required

Aerial Robotics Lab, Imperial College London, London, England

June 2016 – August 2016

Intern Engineer on AQUA MAV project

- Designed the exterior hull of the MAV using Solidworks and Creo
- Prototyped designs with an industrial 3D-Printer
- Tested and chose base material for MAV prototype
 - Used as basis for first integration test

PROJECTS:

Amazon Roulette, Atlanta, Georgia

January 2017

- Developed a web-based application that randomly searches for item's on Amazon and places it in the user's cart

MARTA Ryder App, Atlanta, Georgia

February 2017

- Developed rewards system for MARTA rail system, with the intent of increasing ridership
- App provided points if users completed certain actions, which could be redeemed for credit on MARTA

Automated Online Purchasing Bot, Atlanta, Georgia

May 2017 – September 2017

- Developed a bot using Selenium and Chrome Driver that instantly purchases items from online web-stores
- Familiarized myself with the AWS Ecosystem and selected locations closest to the host websites servers

LEADERSHIP:

HyTech Racing

December 2015 – May 2016

Co-Lead of Composites Team

- Oversaw the design and manufacturing of the Nose Cone, Seat and Side-Pods
- Completed a build cycle reserved for 1 year within 6-months

SKILLS:

Languages:

Ruby, HTML, CSS, Javascript, Java, Python, C

Foreign Languages:

English, Spanish, Malay

Programs:

Solidworks, Creo, Matlab

Platforms:

Rails

Tools/Frameworks:

Bootstrap, Git