Rahul Viraj Brahmal

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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 Expected Graduation: May 2019
* Threads: Information Internetworks, Intelligence

**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

*Intern Engineer on AQUA MAV project* **June 2016 – August 2016**

* 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