Rahul Viraj Brahmal

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OBJECTIVE:
To obtain a Spring 2020 full-time software development position

EDUCATION:

Georgia Institute of Technology, Atlanta, GA   **August 2015 – Present**
- Bachelor of Science in Computer Science   Expected Graduation: December 2019
- Threads: Artificial Intelligence, Machine Learning, Databases, Networking, Information Security

WORK EXPERIENCE:

Grab, Kuala Lumpur, Malaysia
Intern Software Engineer on Services and Tools Team   **June 2018 – August 2018**
- Implemented front-end chatbot features using JavaScript
  - Interacted with UI and Customer Service teams to prioritize feature development
- Implemented backup agent feature for NLP Chatbot, using Dialogflow APIs
- Participated in ideation of future products and features within the Services and Tools team

Private Equity Firm, Creador, Kuala Lumpur, Malaysia
Intern Product Manager on Mr. DIY Ecommerce Team   **May 2018 – June 2018**
- Worked with software development, warehousing, logistics, marketing and corporate teams to outline launch expectations
- Created a unique order management ecosystem that had yet to be implemented anywhere in Malaysia
- Helped successfully launched ecommerce site on schedule

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

Saora Industries, Kuala Lumpur, Malaysia
Intern Engineer on Water Lilly Project   **May 2014 – May 2015**
- Assisted in developing 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

PROJECTS:

Stock Analysis Platform, London, England   **January 2019 – Present**
- Developed a platform to allow users to back-test technical analysis strategies on US Stocks
- Developing various classification techniques to analyze a company using an array of data streams
- Familiarized myself with the various financial API's and python libraries, such as pandas

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

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
- Familiarized myself with Android app development

LEADERSHIP:

HyTech Racing
Co-Lead of Composites Team   **December 2015 – May 2016**
- 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:

Software Development:
Python, JavaScript, Java, Node.js, C, Ruby

Frontend Development:
React.js, Bootstrap, HTML/CSS, Sass, Sketch

Foreign Languages:
English, Spanish, Malay

Platforms:
Flask, Rails

Programs:
Solidworks, Creo, Matlab

Tools/Frameworks:
Docker, Tensorflow, PostgreSQL, MongoDB, Bootstrap, Git, Nginx