

Siva Loganathan

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EDUCATION

Duke University

Durham, NC

Electrical & Computer Engineering and Computer Science

May, 2017

- **GPA:** 3.631/4.00
- **Major GPA:** 3.80/4.00
- **Relevant Coursework:** Data Structure & Algorithms, Software Engineering, Computer Architecture
- **Honors:** Spring 2014 Deans List

HELP Academy

Kuala Lumpur, Malaysia

Edexcel International Advanced Levels

July, 2013

- **A*A*AA** with Distinction in Physics and Mathematics

PROJECTS

Vivify

Durham, NC

Cofounder

October, 2014 - Present

- Collaborated with Prof. Ariely and a few Duke students to develop an application which generates a full spectrum of socially engaging conversations
- Designed a platform to keep track of usage to dynamically ensure that users are able to express the intensity of their social preferences using the Parse API which keeps track of the number of users conversing at real time

High Altitude Autonomous Glider

Durham, NC

System Architecture Co-Leader

September, 2014 - November, 2014

- Pioneered and tested a Nichrome release mechanism which is able to disengage the glider from the balloon at an altitude of 60,000 feet and up to a temperature of -60°F
- Devised a short-range recovery circuit for the glider that consists of LED and beepers which interfaces with the glider's main power system to save weight on additional battery packs

PROFESSIONAL EXPERIENCE

Lava Protocols (Labs Division)

Kuala Lumpur, Malaysia

Intern & Developer

May, 2015 – July, 2015

- Maintained and enhanced the features and user experience of the mobile application for Felda Global Ventures (One of the largest Palm Oil Industry in the World)
- Pioneered in creating a template for an information mobile application using the Cordova and Angular.js framework
- Established a culture of using version control systems (Git) to maintain and store the companies' current projects

Mathematics Help Room

Durham, NC

Teaching Assistant

January, 2014 - Present

- Worked with Professor Rann Bar-On to coordinate over 40 hours of weekly sessions where over 60 students who are in Calculus 1 and Calculus 2 benefitted

LEADERSHIP & EXPERIENCE

Duke Housing, Dining and Residence Life

Durham, NC

Resident Assistant

January, 2015 - Present

- Created a positive living environment designed to promote interaction of social networks between a community of 29 residents, often resolving conflict
- Developed student centered hall programs where over 90% of the residents attended to enhance their social, education and understanding of the community.
- Awarded Most Valuable Player for the quad at the RA Training Year 2015-2016 by votes from other RA's

Sathya Sai Baba Education in Human Values

Kuala Lumpur, Malaysia

Graduate

January, 2003 - August, 2013

- Awarded 2nd place in a state level public speaking competition which has over 30 other competitors
- Conducted a treasure hunt activity for 20 teenagers in a historical district to learn teamwork and instill a greater patriotic spirit for their country.

SKILLS, CERTIFICATIONS & INTERESTS

Skills: Proficient in Latex and Microsoft Office

Proficient Computer Languages: Java, MATLAB, HTML, CSS, Javascript

Interests: Travelling and Cars

Languages: Fluent in English and Malay