

## SENIORS

### R'mani Haulcy

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#### EDUCATION

<b>Yale University</b>	Bachelor of Science in Electrical Engineering, Major Current GPA: 3.46/4.0 Attending on Full Scholarship	May 2017
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#### TECHNICAL SKILLS

- Coding: Proficient in Java, C, C++, MATLAB, Simulink
- Microsoft: Word, Excel, Powerpoint

#### RELATED COURSEWORK

Courses: Introduction to Computer Science; Introduction to Electronics; Communications, Computation and Control; Introduction to Computer Engineering; Circuits and Systems Design; Introduction to Semiconductor Devices; Electronic Circuits; Signals and Systems; Digital Systems; Linear Systems; Probability and Statistics

#### RESEARCH EXPERIENCE

<b>NSF-Funded CAT Vehicle REU</b> – <i>Student Researcher, University of Arizona</i>	Summer 2016
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- Worked side by side with graduate researchers and faculty who are experts in cognitive radio and autonomous ground vehicles.
- Collaborated with partner to create a velocity-based, car-following controller in MATLAB and Simulink with the intention of damping traffic waves in stop-and-go traffic situations.
- *Velocity-Based, Car-Following Controller Intended For Use In Stop-And-Go Traffic Situations To Damp Traffic Waves* – Paper will be submitted for publication in the fall of 2016

#### LEADERSHIP EXPERIENCE AND ACTIVITIES

<b>National Society of Black Engineers (NSBE) Board Member - Secretary</b>	Current
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- Compile pertinent information on the members, such as majors, gender, year, and interests. This helps the group target the needs of the specific member base with more efficiency. From meeting location to location time, the secretary tailors the logistics of the meetings and events to receive the highest possible turn out.

#### WORK EXPERIENCE

<b>Durfee's Sweet Shop/ Thain Café (12-24 hrs/wk)</b> – <i>Student Coordinator; New Haven, CT</i>	Current
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- Manage the student store and the library café by overseeing the work of 10 staff members, closing both stores at night and securing the safes in both locations

#### HONORS

<b>Richard U. Light Fellowship/ Harvard Beijing Academy</b>	Summer 2014
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- A highly selective, fully funded opportunity to pursue intensive language study in East Asia
- Lived in Beijing, China for 9 weeks studying Mandarin and signed a “No English” language pledge

#### INTERESTS

- **Mandarin Chinese:** spoken for over 6 years; have travelled to China and Taiwan to engage in language study
- **Music:** classical clarinetist and self-taught guitarist, pianist and soon-to-be violinist; acapella group auditionee and 哈佛好声音 (The Voice of Harvard – Beijing Academy Competition) 10<sup>th</sup> place winner