

# RAMASESHAN PARTHASARATHY

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## SUMMARY

A highly motivated and hard-working ECE/CS undergraduate who actively seeks summer technology internship opportunities that allow me to leverage my technical, problem-solving, teamwork, and leadership skills.

## EDUCATION

**Rutgers University-New Brunswick**  
B.S., Electrical & Computer Engineering 2018  
B.S., Computer Science 2018

## SKILLS

Java, Android Development, Matlab, C, Linux, Python, HTML, CSS, Java Script, Node.JS

## PROJECTS

<b>Malloc and Free Simulator</b> <ul style="list-style-type: none"><li>• Simulates the C library system calls malloc() and free() over a 5000 Byte memory block.</li><li>• Made during CS 214: Systems Programming</li></ul>	Oct 2016 - Nov 2016
<b>Personal Website</b> <ul style="list-style-type: none"><li>• An in-progress website that currently only lists the relevant courses taken and contact links.</li><li>• Created using HTML5, Java Script, and CSS</li></ul>	Feb 2017 - Current
<b>Hotel Reservation</b> <ul style="list-style-type: none"><li>• An online Hotel Reservation application that allows users to reserve rooms at Hotels for CS 336</li><li>• Built using HTML/CSS/JavaScript and Node.JS</li></ul>	Mar 2017 - May 2017
<b>SafeAlarm</b> <ul style="list-style-type: none"><li>• A smart IOT application capable of notifying you of in-home alarms (such as fire alarms) built in a team of 4 students at Hack RU</li><li>• Created using Python, Express, and Android</li></ul>	Apr 2017 - Apr 2017

## AWARDS

<b>Diploma in Tabla, ABGMVM Examination</b> Recieved a Diploma in Tabla by Madhyam	Apr 2015
<b>4th-Place Prize Winner at Hack RU Spring 2017, Hack RU</b> Won 4th-place for an IOT application called SafeAlarm that was developed during the Rutgers Hackathon,	Apr 2017

## ACTIVITIES

<b>Tabla, Musical instrument player</b> Experienced musical instrumentalist for more than 6 years under Dr. Pratik Devasthale's teaching.	Aug 2010 - Current
<b>First Robotics 1923, JAVA Programmer &amp; Robot Builder</b> Helped program and build the robots for Rebound Rumble and Ultimate Ascent.	Sep 2011 - May 2013
<b>RU Swara, Lead Tabla player</b> Rutgers University's own student led Hindustani-classical & Carnatic Indian music group.	Sep 2015 - Current

## VOLUNTEERING

<b>Shadow Buddies, Mentor</b> <ul style="list-style-type: none"><li>• Worked on many physical and artistic tasks with disabled children of various ages once a week.</li><li>• Ensured that they remained happy and followed directions properly.</li></ul>	Apr 2010 - Nov 2013
<b>Mercer County Public Library, Library Item organizer/volunteer</b> <ul style="list-style-type: none"><li>• Organized library books, videos, and reference materials according to the library's standardized system</li><li>• Ran desk duty to log children's weekly reading.</li></ul>	May 2011 - Aug 2011
<b>A2Z Mentoring Program, Tutor</b> <ul style="list-style-type: none"><li>• Tutored less fortunate children in 1st through 3rd grades in core subjects such as Math, Reading, and English.</li><li>• Assigned the children weekly homework.</li></ul>	Sep 2011 - May 2012