

Sahit Chintalapudi

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Objective:

I am a first year student with experience in various agile development teams looking for further exposure to the field of Computer Science with a software engineering internship for the summer of 2017.

Education:

Georgia Institute of Technology, Atlanta, GA

Expected Graduation: May 2020

- GPA: 4.0/4.0
- Pursuing a B. S. in Computer Science
- Member of the Georgia Institute of Technology Honors Program

County College of Morris, Randolph, NJ

December 2015

- GPA: 4.0/4.0
- Classes: Linear Algebra, Differential Equations, and Computer Architecture

Leadership Experience:

The Agency at Georgia Tech College of Computing

September 2016 – Present

Secretary Elect

- Transcribed notes at meetings as well as coordinate refreshments during Machine Learning lectures
- Built a genetic algorithm that optimized neural networks written by peers in Tensorflow by finding an optimal learning rate.

Tap 'N Save

June 2015 - September 2015

Product Manager

- Coordinated an offshore team of twelve developers to insure product specifications met
- Developed front-end user interface using the XCode XIB editor
- Designed and implemented API endpoints for the login page to call in Objective C

Projects:

Institute of Robotics and Intelligent Machines: Undergraduate Research

January 2017 – Present

- Researching Human Robotic Interaction in the Humans and Autonomous Systems Lab
- Studying how to leverage body language in robots so they can better communicate emotion
- Certified to perform studies with humans to see how they react to social robots

Robojackets: Competitive Robotics at Georgia Tech

September 2016 – Present

- Developed a Kalman filter on our autonomous racing competition robot to fuse sensor input
- Designed a support vector machine (SVM) that could classify pixels in an image as drivable or not

Hackathons:

- Swampacks 2017: Winner of “Best Use of ClarifAI API” and the “HackHarassment award”. Our application generated tags from a user’s picture and generated positive compliments from the tags using NLTK.
- IBM Master the Mainframe 2016: One of the 80 winners nationally of part two of the competition
- PennApps 2015: Leveraged IBM Watson to build a website that provided diagnostic information to doctors
- HackRU 2015: wrote a program that allowed users to draw messages in air and send them via email or text. Winner of the “Best Use of SendGrid API award”

RISC Emulator

January 2016

- Designed a simplified assembly instruction set and a parser in Lisp that converted this code into binary
- Created a C++ program that took binary input and printed out how a pipelined RISC CPU would behave.

Skills:

- Languages: Java, Python, C/C++, Lisp
- Tools: Linux, OpenCV, Android, Flask, FASM, SQLite, Vim