

Sahit Chintalapudi

schintalapudi@gatech.edu ○ github.com/chsahit ○ chsahit.github.io ○ (908)-887-4698

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:

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

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.

Mount Olive Robotics Team

September 2015 - June 2016

Programming Project Manager

- Instructed and lead a team of thirty developers in Java and Python Programming
- Used OpenCV to develop computer vision algorithms that directed robot path planning
- Beta-tested National Instruments' new embedded robot controller: the RoboRIO. Presented the results of this testing to over 100 students and engineers.

Projects:

Robojackets: Competitive Robotics at Georgia Tech

September 2015 – 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:

- IBM Master the Mainframe 2016: One of the 80 winners nationally of part two of the competition and placed on the 2016 IBM wall of fame.
- 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