Sahit Chintalapudi

schintalapudi@gatech.edu ○ github.com/chsahit ○ devpost.com/chsahit

Education:

Georgia Institute of Technology, Atlanta, GA — Expected Graduation: May 2020

- Candidate for B. Sc 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
- Took classes in Linear Algebra, Differential Equations, and Computer Architecture

Work Experience:

Tap 'N Save — June 2015 - September 2015

Product Manager

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

Innovation STEM Camp — August 2015

Camp Counselor

- Taught computer hardware to 20 fifth graders by taking apart computers with them
- Introduced programming basics using a visual programming language leveraging Minecraft

Projects:

Mount Olive Robotics Team: *Programming Project Manager* — September 2015 - June 2016

- Instructed and lead a team of thirty developers in Java and Python Programming
- Served as System Administrator of team website built with the Flask framework
- Took advantage of 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.

PennApps XII Hackathon — September 2015

- Selected as a High School Hacker to compete in the largest hackathon on the east coast
- Leveraged IBM Watson to build a website that provided diagnostic information to doctors

HackRutgers XI — October 2015

- Used the Myo armband, SendGrid API and the Twilio API to write 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"

IBM Master the Mainframe — Fall 2015

- Worked with the z/OS platform to obtain competency with Mainframe tools such as TSO and RACF
- Placed on the 2015 Master the Mainframe Wall of Fame for finishing parts one and two of the competition

RISC Emulator — January 2016

- Designed a simplified assembly instruction set and provided 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. This included code to deal with pipeline hazards.

Skills:

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