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KETAN REDDY

OBJECTIVE

Seeking Coop Employment during the summer and fall of 2015 to gain knowledge and experience in the field of computer engineering.

EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY-BS

Currently enrolled in the Undergraduate BS Computer Engineering program. Expected to graduate in 2018. GPA: 3.88.
Notable Coursework: Computer Science 1, Computer Science 2, Digital System Design 1 and 2, Circuits 1 and Assembly Language and Programming.

SKILLS & ABILITIES

Proficient in Java, Python and with ModelSim, Quartus II. Experience with both Apple and Microsoft systems, oscilloscopes and multimeters, HTML, VHDL and ARM assembly languages. Very experienced building, maintaining and repairing computers.

PROJECTS

AR DRONE CHALLENGE FOR IMAGINE RIT

Participated in the Imagine RIT AR Drone challenge to program a Parrot Drone to navigate an obstacle course and perform autonomous maneuvers.

AUTOMATED TWITTER BOT

Used the Twitter API in combination with the Tweepy libraries to find and correct misuses of "Defiantly" instead of "Definitely" on twitter.

GOBBLET AI

Built for the Computer Science 2 final project, this AI was built to play the board game Gobblet against human or other AI players.

MODEL IRONMAN ARC REACTOR

Constructed a model of the ARC reactor from the first Iron Man movie.

EXPIERENCE

VOULUNTEER AT SAINT JOSEPH'S HOSPITAL

June 2010 –August 2012

Worked for the IT department. Handled mostly Helpdesk tickets and building/fixing computers. Got experience in both software and hardware support.

ACHIEVEMENTS

DEANS LIST

Fall and Spring semester of the 2013-2014 year and Fall semester of the 2014-2015 year.

SECOND PLACE AI IN THE COMPUTER SCIENCE 2 BATTLE ROYAL

Member of the team that achieved second place in the AI development tournament during the Spring semester Computer Science 2 class.