VARSHA TIRUKONDA

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in varsha-tirukonda   ⓞ vrtiruko

EDUCATION

University of Michigan
BS Computer Science 2017
3.54 Cumulative GPA

Wichita High School East
2013
International Baccalaureate Diploma Program

AWARDS

Stamps Leadership Scholar	2015
Dean's Honor List	2015
University Honors	2015

EMPLOYMENT

PricewaterhouseCoopers — New York
Technology Consulting Intern — Jun 2016 to Aug 2016
Created and validated test scripts for user acceptance testing of client application
Created training materials to train end users on client application
Developed Out-Of-The-Box field specs documentation to refine the process of creating business specs

Strategic Reasoning Group, University of Michigan
Research Assistant — May 2015 to Aug 2015
Refined scripts designed to simulate algorithmic and high frequency trading strategies in the market using empirical game theoretic analysis
Created test data sets and automated analysis of test results
Programming done in Python and Ruby
Web application can be found at http://egtaonline.eecs.umich.edu/

Brooks Lab, Dept. of Biophysics, University of Michigan
Research Assistant — Sep 2013 to Jan 2015
Designed a software program to predict NMR chemical shifts in DNA
Used machine learning techniques (randomForest library)
Created data set to set up and test decision trees
Programming done in Python and R

EXPERIENCE

MHacks · Director (MHacks 8), Core Team (MHacks 6) — Sep 2014 to Current
Headed UX and Logistics coordination for largest collegiate hackathon in the nation
Managed 50 person organizational team
Organized all bus transportation to and from the event and various ceremonies
Coordinated minor safety and risk management plan

MPowered Entrepreneurship · Startup Career Fair Co-Director — Apr 2015 to Apr 2016
Led a talent team in organizing Startup Career Fair 2016
Recruited companies and sponsors from around the nation
Created social media campaigns
Implemented strategies to increase company and student diversity
Organized venue and logistics details

FeelGood · Marketing and PR Chair — Jan 2014 to Apr 2015
Implemented new strategies to promote the club in a more eco-friendly, paperless manner
Designed and maintained the club's website, found at https://feelgoodumich.wordpress.com/

COURSEWORK & SKILLS

PROFICIENT IN: C++, Python, Matlab
FAMILIAR WITH: Ruby, HTML, R, SQL, Java
EECS 482: OPERATING SYSTEMS:
EECS 485: WEB DATABASES AND INFORMATION SYSTEMS:
EECS 388: INTRODUCTION TO COMPUTER SECURITY:
EECS 281: DATA STRUCTURES AND ALGORITHMS:
EECS 370: INTRODUCTION TO COMPUTER ORGANIZATION: