

ROHITH PENTAPARTHY

2661 Morning Glory Dr • Okemos, MI 48864

penta@umich.edu • (517) 402-5378

<http://www-personal.umich.edu/~penta/>

EDUCATION

2014-2018

UNIVERSITY OF MICHIGAN

Ann Arbor, MI

College of Literature, Sciences & the Arts (LS&A)

Major in **Data Science** and Minor in Financial Mathematics

- Emphases in **Software Development** and **Data Engineering**
- GPA: 3.63 / 4.00

OBJECTIVE: To obtain a professional position in the software development industry that enables me to utilize my skills and problem solving abilities to impact the company.

SKILLS

COURSEWORK Data Structures & Algorithms (EECS 281), Lin. Algebra, Probability, Regression, Bioinformatics
LANGUAGES C++ (proficient), Python (intermediate), R (experience), SQL (experience), HTML (experience)

EXPERIENCE

2014-2015

MICHIGAN SOLAR CAR TEAM

Ann Arbor, MI

OUTREACH SPECIALIST IN BUSINESS DIVISION

- Performed basic testing of low level C++ code for driver controls, learned about PV cells
- Connected with corporations to raise funds for solar car parts, and maintained relationships with interested donors by conducting conference calls to form partnerships
- Supported solar car team with funds, established primary contact for the Solar Car Unveil at the Henry Ford Museum, learned to conduct business with companies, learned nuances of fundraising, and gained exposure to fundraising money

2014-2016

RESIDENCE HALLS ASSOCIATION (RHA)

Ann Arbor, MI

VICE PRESIDENT OF INTERNAL RELATIONS

- Acted as head liaison to all of University of Michigan's Hall and Multicultural Councils, worked to solve all internal questions and disputes, ensured communication lines to all councils, and organized major campus events, including RHA Sibling's Weekend
- Traveled to national conferences of university residence halls, built relations with members representing U.S. universities, ran weekly Congress consisting of members from all dormitories to vote on funding bills, advised 12-person event programming committee
- Provided funding to support a multitude of diverse events all across campus, learned information about handling large sums of money and developed debate skills

PROJECTS

2015

MDINING+ (iOS/Swift)

Ann Arbor, MI

- Developed an application to track student calorie intake in the dining halls
- Gained familiarity with Swift and iOS app development on XCode

2016

MACHINE LEARNING ON PIAZZA POSTS (C++)

- Predicted labels for Piazza posts based on content of posts
- Utilized NLP techniques using the Naïve Bayes Classifier to train our sets

2016

SEAM CARVING ON IMAGES (C++)

- Performed content-aware resizing of images using a seam carving algorithm
- Gained familiarity with Emacs environment on Linux