AARUSHI
PARASHAR

Highly motivated and analytical undergraduate in Computer Science aspiring to be part of an organization with a mission to improve the world using data-driven strategies.

PROJECTS

DRIVE OFF – Developed an app that prevents fatalities due to distracted driving by disabling the phone

Uno – Created a command line game simulating the classic Card Game Uno with 3 levels of AI to play against

SKILLS

PROGRAMMING: JavaScript, Java, Python, OCaml, C, C++, Bash, Coq, HTML5, R, CSS

SOFTWARE: Linux, LaTeX, Photoshop, Excel, PowerPoint, Docker, Kubernetes, Apache Spark

GENERAL: Enterprise Design Thinking, Team Leadership, Conflict Resolution, Fluent in English and Hindi and Proficiency in French

ACTIVITIES

Medium Design Collective – Web Design Team
Society of Women Engineers – Alumni Relations Committee
RAW Expo – Public Relations Chair
Society of India - Public Relations Chair
Fencing - Girls Foil Squad Captain
Mixed Martial Arts (MMA) - High Brown Belt

EDUCATION

CORNELL UNIVERSITY - G.P.A. 3.95 | Dean's List
B.S. Computer Science with Applied Math Minor and Operations Research and Management Science Minor
August 2018 - May 2022, Ithaca, NY
Related Coursework: Machine Learning for Intelligent Systems, Computer System Organization and Programming, Introduction to Analysis of Algorithms, Object Oriented Programming and Data Structures, Discrete Structures, Linear Algebra for Engineers, Engineering Probability and Statistics, Data Structures and Functional Programming

WW-P HIGH SCHOOL NORTH - G.P.A. 3.90 | National Honors Society
September 2014 - June 2018, Plainsboro, NY

NOTABLE EXPERIENCE

RESEARCH INTERN • IBM
YORKTOWN HEIGHTS, NY • MAY'19 – AUGUST'19 • IBM.COM
- Designed and created a neural network model using TensorFlow 2.0 that determines if a small molecule will fit within a given protein binding site
- Ideated and promoted additional initiatives beyond intern projects, garnering feedback from area experts

SOFTWARE SUBTEAM • CORNELL MARS ROVER (CMR)
ITHACA, NY • OCTOBER'18 – PRESENT • MARSROVER.ENGINEERING.CORNELL.EDU
- Worked as part of the controls team to design, develop and test the software used to operate the rover
- Personal contributions include camera control RQT plugin to simplify camera use for autonomous rover functions and Mock GPS Node for testing autonomy of rover
- Won 6TH place in the 2019 International University Rover Challenge

FOUNDER & DIRECTOR • UNBOUNDED FUTURES
PRINCETON, NJ • APRIL'15 – PRESENT • UNBOUNDEDFUTURES.ORG
- Responsible for incorporating 501c, raising funds and awareness by speaking at corporate events
- Developed and maintained a digital presence (facebook.com/unboundedfutures)

SUMMER INTERN • LARSEN & TOUBRO (L&T)
ISELIN, NJ • AUGUST'17 – SEPTEMBER'17 • LNTINFOTECH.COM
- Developed models using Machine Learning Algorithms to predict shipping delays
- Evaluated impact on company's credibility, customer retention and resource allocation

AARUSHI.PARASHAR@GMAIL.COM

+1 609.865.8620

AARUSHI-PARASHAR-2B845914B