VAIDEHI PATEL

CONTACT

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ABOUT ME

I'm highly driven, innovative, confident, responsible and proactive personality with outstanding cognitive and analytical abilities. Taking on challenges and making a difference is something I crave for. Extensive project experience in computer science as well as computer engineering along with a very strong math foundation helps me solve problems easily. My passion for math fuels my passion for CS. Research experience and teaching assistantship have further enhanced my skills and knowledge in the field.

Education

Cornell University
Aug 2016 - May 2018
Ithaca, NY

- GPA: 3.67
- MS in Computer Science, Minor: Cognitive Science
- Thesis: Enabling Human Support of Robot Swarms
- Head Teaching Assistant: CS 2110 - Object Oriented Programming and Data Structures,
- CS 4700 - Foundations of Artificial Intelligence

Georgia Institute of Technology
Aug 2012 - May 2016
Atlanta, GA

- GPA: 3.41, High Honors
- BS in Computer Engineering
- BS in Business Administration - General Management
- On Dean's List throughout the program
- Teaching Assistant: MATH 2403 - Differential Equations, MATH 2602 - Linear and Discrete Math
- IEEE Student Involvement Chair

Relevant Skills

Artificial Intelligence	**Python**
Machine Learning	**MATLAB**
Data Analysis	**C++**
Natural Language Processing	**Java**
Computer Vision	**HTML/CSS**
Statistics/Probability	**SQL**
UI Design	**JavaScript**

Experience

Software Engineer (MTS), Nutanix
July 2018 - Current
San Francisco, CA

- Full Stack: Developed API documentation pipeline for Nutanix Epoch
- Implemented AWS and Azure integration to fetch metrics and ingest into Epoch
- Tools used: Docker, Kubernetes, JavaScript, Python, MySQL, Go, Swagger

Software Engineering Intern, Netsil Inc.
Summer 2017
San Francisco, CA

- Full Stack: Configured 10 integrations including Redis, Kafka, Apache to
- collect metrics and create pre-canned dashboards, increasing value for
- the product, added documentation for all supported integrations by
- automating the process, implemented hide/unhide feature for pre-canned
- tools , wrote migration script and tested all the implemented projects.
- Tools used: Docker, JavaScript, Python, Node.js, Sequelize, MySQL

Machine Learning
Spring 2017
Ithaca, NY

- Ranked in top 5 in class of 300 on projects involving facial recognition and
- handwritten digit recognition using kNN, Naive Bayes, Perceptron, SVM,
- Kernels, Bagging and Boosting, ERM, CART, Deep Learning. Achieved 99%
- accuracy on optical digit classification Kaggle competition using Neural Net.

Research

Masters thesis under Kirstin H. Petersen with Collective Embodied Intelligence Lab, spanning swarm robotics, statistics, artificial intelligence and cognitive science: http://cei.ece.cornell.edu

Honors

- One out of the eight students admitted to the highly selective MS in CS program at Cornell University with an offer worth $120,000 for the program
- Senior design team sponsored by the Aerospace Corporation: developed a device to track and filter obscured sound sources inspired by wildlife and marine tracking and security
- AP Scholar with Honor Award - 5/5 Calculus BC, Physics C; 4/5 Chemistry
- Consistently on Dean's List throughout the undergraduate program, completed two majors in four years, with leadership experience
- ECE Honor Society - Eta Kappa Nu member