

PARTH SHAH

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EDUCATION

University at Buffalo, The State University of New York

Expected May 2019

B.S. in Computer Science and B.A. in Computing and Applied Mathematics

GPA: 3.48/4.00

Relevant Coursework: Algorithm Analysis and Design, Data-Oriented Computing, Data Intensive Computing, Data Structures, Machine Learning, Numerical Analysis, Software Engineering, Theory of Computation.

WORK EXPERIENCE

Support Intern in Product and Support Operations, Foursquare Labs, Inc., New York NY

June 2017—August 2017

- Curated and vetted popular venues in Foursquare database to ensure users get personalized recommendations.
- Worked with beta versions of the apps through quality assurance testing.
- Diagnosed user issues and consulted them through Zendesk, Asana, Trello and other support management tools.

Digital Marketing and Social Media Intern, Ashi Diamonds LLC, New York NY

June 2016—August 2016

- Analyzed and formulated a social media plan for 15+ independent jewelry retailers.
- Maintained & generated content for company's & client's' social media platforms, such as Facebook & Instagram.
- Initiated inbound marketing efforts to drive organic traffic and increase user engagement.

IT Support Intern, Thomas Edison CTE High School, New York NY

Sept. 2014—August 2015

- Configured 150+ teacher workstations to increase the proficiency, efficiency, and security in the school network.
- Collaborated alongside a network facility team of 5-10 to ensure all reported issues were examined and resolved.

TECHNICAL SKILLS

Proficient: Python, Java

Familiar: C/C++, JavaScript, HTML, CSS, SML, MIPS, Verilog

PROJECTS

Recipedia

Fall 2018

- Engineered a web application software that gives user recipes based on the ingredients provided.
- Worked in a team of five and implemented using **HTML/CSS, Python** and **JavaScript**.

National Highway Traffic Safety Administration (NHTSA) Complaint Analyzer

Fall 2018

- Parsed all the complaints registered with the NHTSA database to match the input query using **Python**.
- Utilized data visualization tools to make clear and concise performance evaluation of the car.

Handwritten Digits Classification using Neural Networks

Spring 2018

- Implemented Multilayer Perceptron Neural Network and evaluated its performance in classifying handwritten digits using **Python** script for calling the TensorFlow library for running the deep neural network.

Gun Control Topics: Data Aggregation, Big Data Analysis, and Visualization

Spring 2018

- Web scraped Twitter & New York Times data in **Python** and cleaned it using MapReduce Models.
- Studied accuracy by visualizing and implementing Linear Regression and Naïve Bayes classification models.

Functional Programming Interpreter

Spring 2017

- Designed & developed a functional interpreted language in **Java** and **SML** using pattern matching algorithms.

Master Labyrinth

Spring 2016

- Collaborated with a team of four members to develop a multiplayer software version of the game Master Labyrinth in **Java** by implementing and optimizing 2D Arrays along with relational Object-Oriented Programming.

LEADERSHIP EXPERIENCE

Undergraduate Teaching Assistant, School of Engineering and Applied Sciences, Buffalo NY

August 2016—Present

- Assist professors in facilitating web design, infrastructure, and embedded systems module-based activities.
- Collaborate with a team of professors and TAs at weekly meetings and actively contribute new ideas on teaching.

Resident Advisor, University at Buffalo, Buffalo NY

August 2017—Present

- Responsible for promoting academic excellence, addressing student needs and paraprofessional counseling for a residence hall wing of 50 college students. Developed and organized programs to strengthen the community.