

HARSHIL SHAH

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U.S. Permanent Resident

CAREER OBJECTIVE

I am an avid Computer Science student aspiring to be a part of dynamic teams in the areas of software engineering, data science, or research where I can effectively employ and develop my knowledge and skills.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing

Atlanta, Georgia

Bachelor of Science in Computer Science

Dec, 2020

- Threads: Devices and Modeling & Simulation.
- Zell Miller Scholarship, Indian-American Scholarship Fund, four-year scholarship recipient

GPA : 4.00

EXPERIENCE

MANHATTAN ASSOCIATES

Atlanta, Georgia

Software Engineering Intern

May, 2018 – Aug, 2018

- Developed a regression analysis tool, K9, to automate the process of filtering and ranking impacted areas across the entire code base, investigate regression issues and generate codebase impact reports before biweekly releases.
- Implemented a Python script to synchronize the untracked issues between JIRA and BitBucket Issue Tracker Service.
- Wrote JUnit component test cases and significantly increased test coverage of the Appeasement repository.

CAPITAL ONE SOFTWARE ENGINEERING SUMMIT

Arlington, Virginia

Summit Attendee

May, 2018

- Attended highly competitive engineering summit and learned more about AWS, Android, IOS, Machine Learning, Alexa etc.
- Created a real-time translation service for call-center employees as a part of my hackathon team to make financial advice more accessible to a diverse group of population.

IVAN ALLEN COLLEGE

Atlanta, Georgia

Full-Stack Web Developer

Sept, 2017- Sept, 2018

- Revamped the backend and frontend architecture of ShadowDay Management Site, Student Ambassador Site, and Tracker Admission Data Site built in PHP by refactoring static and redundant code, implementing new admin functionalities, integrating interactive data visualization and building dynamic web pages.
- Designed and developed a custom email newsletter generator system using JavaScript and PHP to automatically generate HTML email newsletters on user input. Saved immense amount of time spent on manually creating HTML newsletters.
- Authored high-quality detailed documentations explaining complex system dependencies and routine processes.

RESEARCH

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

Embedded Pervasive Lab

Aug, 2018 - Present

- Pursuing Research Option and developing a system of smart camera surveillance to predict vehicle trajectories “on the edge” of the network to avoid latency caused by exchanging information with the cloud.
- Implemented algorithms in Python that would read vehicle data streams, spatially plot trajectories on a map, and predict vehicle motion of all vehicles on the road.

LEADERSHIP

GT CRICKET CLUB

Atlanta, Georgia

Vice-President

Jan, 2018 – Jan, 2019

- Organized weekly practices, corresponded with the sponsors, and expedited the logistical operations of social-media campaigning and procuring club equipment.

EMERGING LEADERS

Atlanta, Georgia

Team Member

Aug, 2017 – May, 2018

- Organized Uplift GT to fight mental health stigmas on campus and visited homeless shelter in Atlanta to distribute gifts and spend quality time with the families to better understand their struggles.

SKILLS/INTERESTS

Programming :Java, Python, JavaScript, MySQL, HTML/CSS, Android, PHP, MongoDB, Alexa

Platforms :GitHub, Bitbucket, Visual Studio, Amazon Web Services (AWS), Heroku, Linux, Drupal

Languages :English - bilingual, Gujarati – fluent, Hindi – fluent

Udemy :Blockchain, Machine Learning, Deep Learning, Data Science, MySQL, Web Development