PARTH SHAH

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EXPERIENCE

SEP 2019 – PRESENT
RESEARCH VOLUNTEER, UNIVERSITY OF FLORIDA
Modern Artificial intelligence and Learning Technologies (MALT) lab

JAN 2020 – MAY 2020
REASEARCH ASSISTANT, Intelligent Health lab, UNIVERSITY OF FLORIDA
URL: https://www.bme.ufl.edu/labs/rashidi/

MARCH 2019 – JULY 2019
SENIOR SOFTWARE ENGINEER, HERE TECHNOLOGIES
Computer vision: Developed prototype of a new product that provides critical driver alerts through real time object detection and multi-object tracking.
URL: https://www.here.com/en/company/newsroom/press-releases/2019-09-10

JULY 2017 – MARCH 2019
SOFTWARE ENGINEER II, HERE TECHNOLOGIES
Data science: Lead team to automate the detection of data irregularities and duplication.
Full Stack development: Envisioned and built a novel visual programming tool to cut development time by 80%.

EDUCATION

AUG 2019 - PRESENT
M.S. COMPUTER SCIENCE,
UNIVERSITY OF FLORIDA, GAINESVILLE
GPA 3.77 / 4.0

2013 - 2017
B.E. (HONS.) ELECTRICAL AND ELECTRONICS ENGINEERING,
BITS PILANI, HYDERABAD, INDIA.

SKILLS

- Backend development – Python, Java, Scala, Swift
- Web development – JavaScript, Angularjs, Vuejs
- Agile methodology, system architecture and design

- Machine learning – computer vision, deep learning
- Devops – Continuous Integration & Development, automated testing (Jenkins, git, AWS)

PROJECTS

MAY 2019 - PRESENT
Auto-check | Computer Vison, Deep Learning
Automatically evaluate a student's answer paper using handwriting recognition and a dynamic knowledge base.
url: http://auto-check.ml/

RESEARCH PUBLICATIONS

DEC 2017 | NIT DURGAPUR |
7TH INTERNATIONAL SYMPOSIUM ON EMBEDDED COMPUTING AND SYSTEM DESIGN (ISED)
Fault-tolerant application specific Network-on-Chip design
This work was partially sponsored by the Science and Engineering Research Board (SERB), Govt of India.
URL: https://doi.org/10.1109/ISED.2017.8303920