Prudhviraj Naidu

+1-513-331-6181

E-mail: naidupr@mail.uc.edu **Linkedin:** https://www.linkedin.com/in/prudhvirajn/

Education

Bachelor of Science, Computer Science Honors   GPA: 3.8 / 4.0

College of Engineering and Applied Science,   May 2021
University of Cincinnati, Cincinnati, OH

Experience

Peer TA, Dept of Engineering Education (University of Cincinnati)   1/2021 – current
- Answered student queries in classroom
- Graded students' assignments
- Conducted mentoring sessions to facilitate student learning

Machine Learning Engineer, Omniaz   8/2019 – 4/2020
AI Intern, Omniaz   1/2019 – 4/2019
- Trained object detectors and implemented it in Android demo apps for investors
- Designed a 2D coordinate based object tracking algorithm
- Developed Content Based Image Retrieval solutions
- Created an OCR solution to detect and recognize text on user-clicked photos
- Automated preparation of images for Vuforia AR experiences
- Planned projects, delivered presentations and wrote documentation for integration of solutions with existing backend infrastructure

Peer Tutor, Learning Commons (University of Cincinnati)   8/2018 – 12/2018
- Taught students in Calculus I, Calculus II, Physics, Statistics and Programming Languages
- Planned tutoring sessions to ensure students' needs were met
- Interacted with students from diverse backgrounds and majors

Technological Skills & Competencies

Proficient: Python, Tensorflow, Keras, Numpy, Word, Excel, Powerpoint, Thread programming, Documentation, Debugging, OpenCV (Image Processing)

Intermediate: PyTorch, Java, C++, Linux, Git**,** Raspberry Pi, Pandas, Scipy, Testing

Novice: Android, Socket Programming**,** Web development

Activities and Clubs

2018	Volunteered at the 86 café as a café assistant
2017-2018	Hyperloop UC Software Team Lead
2017	Volunteered to plan and organize Relay for Life
2017	Won 2nd place in UC Math Competition
2016-2017	Hyperloop UC Software Team member