

NEHA NIPHADKAR



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SKILLS

Python SQL PHP

JavaScript HTML

CSS GIT AGILE

Data Mining

Data Visualizations

NodeJS Skill

React/Next Java

VOLUNTEER EXPERIENCE

Summer Research Workshop

Old Dominion University

Tasks/Achievements

- Summer 2018 and 2019.

CONFERENCES

Women in Machine Learning (WiML). Montreal, Canada (12/2018 – Present)

Conference/Issuer of the certificate

Computing Research Association for Women (CRA-W), Chicago IL

Conference/Issuer of the certificate

EDUCATION

Master of Science in Computer Science

Old Dominion University

01/2018 – 12/2019

GPA 3.7

PROJECTS

Hidden Markov models used to identify key parameters that help detect the onset of symptoms of agitation in patients suffering from dementia of the Alzheimer's type using mobile EEG headset, Python, and JavaScript.

- Accepted Author at the Women in Machine Learning Conference, Canada

Researched the Effects of Implementation of Policy on Indian Election by carrying out sentiment analysis of twitter data using Python and Twitter API. (01/2019 – 04/2019)

- Part of Data Visualization class project.

Designed and Developed a social media web and mobile application called, "Gatherly" using LAMP, JQuery, Bootstrap, Firebase, and Android SDK. (08/2018 – 12/2018)

- Class project for Web development class.

Employee profiling and categorization to identify patterns in usage of the company's resources for Authentication and Authorization using Python and Weka. (05/2019 – 08/2018)

- Class project for Data Mining and Security.

APNS - Learning Management System with shared resources in terms of education modules and certification of completion built for the School of Nursing at Old Dominion University, in collaboration with the University of Virginia. (08/2017 – 05/2018)

- Built using HTML, CSS, PHP, and for backend used MySQL database. Used FileZilla as our main FTP.

WORK EXPERIENCE

Graduate Teaching Assistant

Old Dominion University

01/2018 – 12/2019

Achievements/Tasks

- I have conducted 300+ hours of face-to-face and online recitation. I was responsible for creating tests, proctoring, and conducting office hours.
- I have been nominated twice for the Best Teaching Assistant 2018 and 2019.

Graduate Research Assistant

Old Dominion University

08/2018 – 04/2019

Achievements/Tasks

- Researched on a project in the realm of object detection with successful implementation of an application which differentiates between different types of flowers. Used YoloV3, Tiny Yolo, and coco dataset as negative markers to help improve identification.
- Researched and Leveraged inbuilt mobile sensors for remote user input in order to carry out broad in air gestures. With the help of Pattern recognition successfully classified 4 broad gestures.