**Sree Harsha Sankranthi**

*Franklin Park, NJ 08823 ♦ 609-325-6003 ♦ sankranthis1@montclair.edu*

**Career Summary:**

Highly Technical Graduate Student with a strong interest in Programming; Knowledgeable in Information Security and Database Technology; Seeking further development of professional experience and technical skills

**EDUCATION:**

**Montclair State University**​, Montclair NJ

Master of Science in Computer Science and Information Technology, **Expected Completion December 2021**

**Amrita Vishwa Vidyapeetham**,Kerala, India

​Bachelor of Technology in Mechanical Engineering, **June 2020**

**SOFTWARE/IT SKILLS:**

Knowledge of Python, Java, JavaScript, MS Office, Video/ Audio Editing, Web Development, PowerPoint, SolidWorks, AutoCAD, Ansys

**PROFESSIONAL EXPERIENCE:**

**Under Grad FINAL PROJECT** Kerala, India

**Foldable Electric Bicycle** 12/2019 – 06/2020

* Modern world demands the high technology which can solve the current and future problems. Fossil fuel shortage is the main problem now-a-days
* Best alternative for the automobile fuels is to provide mobility and transportation to people is sustainable electric bike
* Designed an Electric Bicycle in CAD Software(SOLIDWORKS) and analysis is done in CAE Software(ANSYS).

**CENTRAL INSTITUTE OF TOOL DESIGN** Hyderabad, India

**CAD and CAE Intern**  12/2018 - 01/2019

* Gained experience in CAD Software **SOLIDWORKS(Modeling, Assembly and Drafting)**
* Gained experience in CAE Software **ANSYS(Structural and Thermal Analysis)**
* Designed a Turbine Blade in SOLIDWORKS and Analysed it in ANSYS

**VISAKHAPATNAM STEEL PLANT**  Visakhapatnam, India

​**Internship in roll shop and repair shop** 06/18/2018 - 06/30/2018

* Learned about various types of CNC machines and gained experience in the programming language that used to run the machines

**ADDITIONAL EXPERIENCE:**

**WEB APPLICATION IN HIGH SCHOOL**

* Developed a Web Application where students can create and modify profile

**Student Social Responsibility** Kerala, India

​**Sapling Plantation And Clean-up Drive** 05/2018 - 05/2019

* Done Social Responsibility project for spreading awareness on deforestation and plastic waste
* Planted 100 plants with the help of high school students