MANISH CHANDRAKANT PATIL

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EDUCATION

Master of Science, Computer Science   Present
- California State University Dominguez Hills, Carson, US

Bachelor of Engineering, Instrumentation   October 2020
- Ramrao Adik Institute Technology, University of Mumbai, India

WORK EXPERIENCE

Technician, Fab Lab CSUDH - Carson, US   Present
- Executing and managing projects that utilize fabrication technology with the intent of promoting the development of new knowledge and research with an emphasis on serving communities that are underrepresented in STEM disciplines.
- Learned using the Tinkercad to design 3D models and finally printing models on Delta, Dremel printers.

Data Annotator/ Analyst, Yali Inc.   September 2020 - March 2021
- Worked with the Data Annotation team, responsible for data generation for building NLP models.
- Generating a massive knowledge base for training automated chat systems (chatbots) to answer domain specific queries from customers with minimal retraining.
- Utilized BeautifulSoup and Selenium for the extraction tasks.
- Generated 25000 NLP Annotations using Doccano tool.

ACADEMIC PROJECTS

Food Order App - React.js Web App   December 2021
- Developed a food ordering app using MERN technologies, storing data on MongoDB.
- Demonstrated use of RESTful services to manipulate data on servers. deployed application to GitHub.
- Technologies used: React, MongoDB, Next.js, Express.js

Weather App - Node.js Web App (Asynchronous)   March 2022
- Developed a full stack web application for weather updates. Implemented a callback function and accessed API from the browser.
- Created a search form, served static assets, built a JSON HTTP endpoint and deployed application to Heroku and GitHub.

Unconventional Calculator - JavaScript Web App   September 2021
- Created a website which works as an unconventional calculator.
- Implemented a REST api server that provides the calculating service and stores past calculations.
- Technologies used: Javascript.

RELEVANT COURSEWORK
- Data Structures, Advanced Programming Languages, Data Analysis, Discrete Mathematics, Advanced Software Engineering, Design and Analysis of Algorithms, Software Quality Assurance.

PROGRAMMING LANGUAGES AND FRAMEWORKS
- **Languages:** Java, Python, JavaScript, HTML, CSS, PHP, SQL
- **Frameworks/Tools:** React.js, Node.js, Next.js, Express.js
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Miscellaneous:** Git, REST, Eclipse, Visual Studio Code, Jupyter

ACCOMPLISHMENTS
- Event Head at technical event **TECH-KNOW QUIZ** organized by International Society of Automation (ISA).
- Presented the project in the Inter college project competition **CHRYSALIS** in **2019.**
- Won **Second Prize** in Inter college football tournament
- Member of **Rotaract Club Of Panvel Industrial Town** Rid 3131
- Secured **third position** in the second division **Mumbai District Football Association** tournament