ROMIK AMIPARA

Los Angeles, California 90007

📱 +1 213-871-9427 ✉ amipara@usc.edu in https://www.linkedin.com/in/romik-amipara/ � https://github.com/Romiik

Education

University of Southern California   **Jan 2022 – Exp Dec 2023**
Masters of Science in Computer Science   *Los Angeles, California*

University of Mumbai   **Jul 2017 – Jun. 2021**
*Bachelor of Engineering in Computer Engineering, GPA: **9.31/10.0***   *Mumbai, India*

***Relevant Coursework**: Data Structures, Analysis of Algorithm, Machine Learning, Database Systems*

Experience

Paramatrix Technologies Private Limited   **May 2019 – July 2019**
Software Development Intern   *Mumbai, Maharashtra*
  * Developed a service to automatically perform various search and sort operations on the Khan Academy API.
  * Incorporated scripts using Python and PowerShell to aggregate the API query results into an organized format, so that daily testing can be performed.
  * Explored ways to build a dynamic website using HTML, Javascript, and CSS.

Projects

Gardening for You | *Python, IOT, React, Django*   **April 2021**
  * Developed an automatic IOT based gardening system that helps take care of your garden from anywhere.
  * Implemented Django Rest API to establish smooth communication between the software and hardware.
  * Used Plant Village dataset to develop a plant disease detection classification model.

Twitter Sentiment Analysis | *Python, Html/CSS, Javascript, AWS*   **January 2021**
  * Designed and implemented an information retrieval and classification system for sentiment analysis on Twitter.
  * Crawled tweets on user's timeline from Twitter API, and extract JSON responses using Requests module.
  * Cleaned, parsed and segmented tweets content; counted most frequent words and hashtags associated with each emotion
  * Deployed the web app using Amazon web services

Hall Ticket Portal | *React, Django, SQL*   **November 2020**
  * Developed a portal to digitize the process of hall ticket generation.
  * Implemented various sub-modules for login authentication, pdf generation, scheme, and subject management.
  * Explored different technologies like Internet Information System for the deployment of the website.

Github Profile Finder | *React*   **October 2020**
  * Created a web app using React to analyze the profile of user
  * Processed user inputted information to query GitHub api to return repositories, gists related to a user.
  * Deployed the application using github pages.

Technical Skills

Languages: Python, Javascript, C, HTML/CSS, SQL
Developer Tools: VS Code, Git, Jupyter Notebook
Technologies/Frameworks: Linux, GitHub, Django, React

Leadership / Extracurricular

Computer Society of India   **June 2019 – May 2020**
Secretary
  * Managed board of 5 members and ran weekly meetings to oversee progress in essential parts of the organization.
  * Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.