

Parth Mistry

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TECHNICAL SKILLS

Languages: Python, Java, C/C++, Dart, Bash, HTML/CSS

Web Development Frameworks: Flask, Django

Mobile Development Frameworks: Flutter

Developer Tools: Git, Docker, VS Code, PyCharm, Android Studio, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib, Tensorflow, openCV, seaborn

Other tools and technologies: Linux, Jupyter Notebook, Agile, Scrum, Jira

EDUCATION

University of Windsor Jan. 2022 – Jan. 2024
Master of Science in Computer Science - Co-op Windsor, ON

Gujarat Technological University Aug. 2017 – Jul. 2021
Bachelor of Engineering in Computer Engineering Vadodara, IN

EXPERIENCE

Graduate Teaching Assistant Jan. 2023 – Dec. 2023
University of Windsor Windsor, ON

- Delivered engaging lectures on UNIX and best practices within the allotted time frame
- Implemented a new grading rubric system that improved efficiency by reducing grading time by 50%, allowing for faster feedback turnaround to students
- Conducted weekly laboratory sessions for 40 students, ensuring hands-on learning and practical application of course material

Data Analyst Intern, CCR Measurement Sep. 2022 – Dec. 2022
Scotiabank Toronto, ON

- Developed and transitioned a critical internal tool from Perl to Python
- Tested and validated the new Python-based tool, ensuring an error rate reduction of 80%
- Collaborated with inter-departmental teams to gather requirements and ensure smooth migration of data, resulting in zero data loss during the transition process

Graduate Teaching Assistant Jan. 2022 – Aug. 2022
University of Windsor Windsor, ON

- Developed and implemented hands-on experiments on networking
- Evaluated and graded approximately 45 answer sheets per week, ensuring a fair and accurate assessment of student performance
- Conducted weekly lab sessions for graduate students, providing hands-on experience and facilitating their understanding of course material

PROJECTS

Data Science Salary Estimator | *Python, Flask, scikit-learn, GIT* Jan 2022 – May 2022

- Developed salary estimation tool for data scientists' job negotiations
- Scraped 1000 job descriptions from Glassdoor using Python and Selenium
- Optimized Linear, Lasso, and Random Forest Regressors using GridSearchCV
- Created client-facing API using Flask to serve data science salaries

Movie App | *Flutter, Dart, GIT, GitHub Actions, HIVE* May. 2020 – May 2021

- Created movie details app using TMDB API & Flutter framework
- Implemented REST API calls & Flutter bloc approach
- Utilized dependency injection for optimized object management
- Implemented internationalization for English & Spanish language