Gaurav Kailash Patil
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Country of Citizenship: India
Phone: +1-917-499-3947
Github: https://github.com/gauravpatil123

Interests

Software Development, Data Science, Visualization, Deep learning, Product Design, UI, UX, HCI

Technical Skills

Software Development: Python, JavaScript, HTML, CSS, PHP, D3, REST APIs, SQL, Jquery, Java, C++
Design & Prototyping: Figma, Adobe Illustrator, Adobe Photoshop, InVision
ML Frameworks: TensorFlow, Keras
Mathematical Strengths: Linear Algebra, Calculus, Probability Theory, Statistics
Applications: Gephi, Tableau, AutoCAD, SketchUp, LaTeX

Recent Academics

Pratt Institute, School of Information, NYC, USA   **Jan 2022 - Present**
Master of Science - Data Analytics and Visualization
Advanced Certificate in User Experience

Related Coursework & Projects

Mentioned projects are included in my portfolio &/or GitHub (links above)

Web Development   **Pratt - Spring 2023**
WatchList - User Content Recommendation System
Designed & developed a web application for users to keep track of their content data using several frontend, backend & database technologies.

Programming Interactive Visualizations   **Pratt - Fall 2022**
The Transitions in US Congress from 2014 - 2020
Built the dataset and an interactive visualization representing the US Congress from 2014 to 2020.

Information Architecture & Interaction Design   **Pratt - Fall 2022**
Redesign of the New York Transit Museum Website
Revamped the web experience of NYTM by improving the information architecture & webpage redesigns.

Current Pratt Courses: Machine Learning, Advanced Projects in Visualization.
Related Pratt Courses: Digital Product Design, Programming User Interfaces, Programming for Cultural Heritage.

Previous Academics & Work Experience

Suyash Developers, Mumbai, India   **June 2015 - Dec 2021**
Family owned construction business
Partner

Columbia University, Fu-Foundation SEAS, NYC, USA   **Sept 2014 - May 2015**
Master of Science - Civil Engineering and Engineering Mechanics

University of Mumbai, RCOE, Mumbai, India   **July 2010 - July 2014**
Bachelor of Engineering - Civil Engineering