Gaurav Kailash Patil

gpatil@pratt.edu

Country of Citizenship: India
Phone: +1-917-499-3947
Portfolio: https://gauravpatil123.github.io/projects-portfolio/
Github: https://github.com/gauravpatil123

Interests

Product Design, UI, UX, HCI, Data Science, Visualization, Deep learning, Machine Learning

Technical Skills

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

Education

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

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

Recent Academics - Related Coursework & Projects

Mentioned projects are included in my portfolio (link above)

Digital Product Design   **Pratt - Spring 2023**
Communicating Subsurface Infrastructure for NYC DDC
- *Defined the problem statement & formulated possible solutions by conducting UX research.*
- *Converged on possible solutions by an iterative process using wireframes, prototypes & user testing.*
- *Accomplished better communications of the NYC DDC subsurface projects through the final app design.*

Information Architecture & Interaction Design   **Pratt - Fall 2022**
Redesign of the New York Transit Museum Website
- *Identified the key issues & potential problems in the NYTM website by conducting user & market research.*
- *Devised the sitemap & information architecture by conducting UX studies including card sorts.*
- *Converged on solutions via iterative process using design sketches, wireframes, prototypes & user tests.*
- *Revamped the web experience of NYTM by improving information architecture & webpage redesigns.*

Usability Theory & Practice   **Pratt - Spring 2022**
Usability Testing for Friends of Crocheron & John Golden Park (Report available on request)
- *Evaluated park's website using moderated user tests & provided recommendations to improve usability.*

Current Pratt Courses: Machine Learning, Advanced Projects in Visualization.
Related Pratt Courses: Web Development, Programming User Interfaces, Visual Communication &
Information Design, Programming Interactive Visualizations.