

Gaurav Kailash Patil

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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 & Data Science: Pandas, NumPy, scikit-learn, Matplotlib, seaborn, TensorFlow, Keras

Mathematical Strengths: Linear Algebra, Calculus, Probability Theory, Statistics

Applications: Gephi, Tableau, AutoCAD, SketchUp, L^AT_EX

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.