

Hitanshi Chhabria

hc866@drexel.edu | 267-881-2033 | [LinkedIn](#)

EDUCATION

College of Computing & Informatics, Drexel University

Bachelor of Science in Computer Science

Minors: Mathematics, Data Science, User Experience and Interaction Design

Relevant Coursework: Data Structures and Algorithms, Software Architecture, Artificial Intelligence, Computer Programming Numerical Analysis, Mathematical Foundations of CS, Computing and Informatics Design, Discrete Math, Business Statistics

Philadelphia, PA

Anticipated Graduation: June 2027

TECHNICAL SKILLS

Programming Languages: Python | R | Java | JavaScript | TypeScript | C | C++ | CSS | HTML | SQL | PowerShell | MATLAB

Tools & Platforms: MS Office | Power BI | GitHub | Linux | Firebase | Agile | Power Automate | SharePoint | Rise 360 | Articulate 360

EXPERIENCE

Data & Systems Analyst

April 2024 – September 2024

Southeastern Pennsylvania Transportation Authority (SEPTA), Philadelphia, PA

- Configured Power BI dashboards with templates, parameters, and DAX queries for interactive employee learning data models
- Built Python and PowerShell scripts to structure raw data, reducing in-depth searches and enhancing data accessibility
- Streamlined data workflows in SAP SuccessFactors with pandas, enhancing analysis efficiency and improving report insights
- Enhanced reports in Plateau Report Designer with SQL queries, customizing data fields to improve report depth and usability
- Developed automated solutions for monthly report generation using Microsoft Power Automate, cutting process times by 50%

Teaching Assistant

September 2023 – April 2024

Math Resource Center, Drexel University

- Tutored 100+ students in Calculus, Discrete Math and Linear Algebra, achieving improvement by one letter grade or more
- Initiated peer-led study sessions, enhancing group collaboration, deepening comprehension, and creating a productive atmosphere
- Partnered with professors on custom Calculus I materials, grading, and personalized office hours to address individual learning

Desk Manager

January 2023 – April 2024

Office of the Dean, Lebow College of Business, Drexel University

- Coordinated with the Dean to manage calendar scheduling, strategically planning meetings and events to maximize efficiency
- Engaged with over 50 associates and faculty weekly, consistently delivering high-quality service in a dynamic office setting
- Leveraged Jira Service Management to track and resolve tickets, streamlining workflows and boosting operational flow

PROJECTS

NDD Uniforms Shopfront

September 2024 - Present

Web Developer

- Coding a user-friendly e-commerce website with secure and seamless checkouts, increasing monthly online sales by \$2,000
- Integrating order management, real-time inventory tracking, and security features, cutting processing errors and load times by 30%
- Improving UX with mobile responsiveness, streamlined navigation, and personalized accounts to boost engagement

Banking System

January 2024 – April 2024

Back-end Developer

- Developed a robust banking system in Java with features like APR calculation, deposits, withdrawals, and account management
- Created 300+ test cases with ZOMBIE testing and TDD principles, strengthening validation and improving error handling
- Enhanced project tracking and collaboration through Kanban boards, UML diagrams, and weekly stand-ups with the Scrum Master

Plant – A – Planner

January 2023 – June 2023

Product Owner

- Led a team to develop "Plant a Planner," a web app that boosted student productivity by 15% with personalized task management
- Built real-time modification features in Python and Flask, with a responsive UI in HTML and CSS for enhanced user interaction
- Designed an intuitive user interface to enhance interaction, integrating task management seamlessly with the digital plant system
- Integrated frontend and backend components for a seamless, interactive experience, ensuring smooth functionality of the platform

VOLUNTEER WORK

Peer Mentor

September 2023 – Present

Center for Autism and Neurodiversity, Drexel University

- Fostered a safe and inclusive space for neurodiverse students, ensuring diversity and life balance within the university
- Managed weekly check-ins and designed engaging events to integrate Neurodragons members into campus life
- Provided one-on-one support to neurodiverse students, helping them navigate academic and social challenges