

Kartavya “Kurt” Patel

Philadelphia, PA | kp3283@drexel.edu | (267) 461-9720 | <https://www.linkedin.com/in/kartavyap/>

EDUCATION

Drexel University, College of Computing and Informatics

Bachelor of Science in Computer Science; Concentration in Computer Security

June 2028

Cumulative GPA: 3.5/4.00

SKILLS

Programming Languages: Python (3 yrs), Java (2.5 yrs), JavaScript (.75 yrs), Racket (.5 yrs), HTML (.75 yrs), CSS (.75 yrs)

Tools/Technologies: Unix, Bash, Git, Thonny, Visual Studio Code, Pygames, Tux, Figma, Netlify

PROFESSIONAL EXPERIENCE

Finish Tech Corp

Warminster, PA

Web Developer

February 2025 - Present

- Engineering a modern, responsive website by implementing 12+ interactive features, resulting in a 50% increase in digital engagement and a boost in qualified lead generation within the first quarter.
- Transform stakeholder vision into tangible digital assets by creating 8 detailed wireframes and 5 interactive mockups, leveraging HTML5, SCSS, and Figma, while designing 15+ custom vector graphics that elevate brand recognition.
- Optimize user experience by architecting intuitive navigation pathways that reduced bounce rates by 33%, developing mobile-responsive layouts that improved cross-device compatibility and integrating 6 lead-capturing features that increased conversion rates.

Butler Elementary Stem Club

Chalfont, PA

Coding Instructor

September 2019 – June 2023

- Cultivated coding proficiency in 26 elementary students by delivering 12 hands-on instructional sessions that increased logic comprehension, sequencing skills, and problem-solving abilities through customized learning pathways.
- Orchestrated a collaborative curriculum development initiative with 8 other volunteers, resulting in the creation of 6 engaging coding labs that incorporated gamification elements, yielding a 100% student participation and a 75% improvement in concept retention
- Pioneered 12 interactive coding challenges that progressively increased in complexity, providing over 24 hours of personalized debugging support that boosted students' technical confidence and resulted in 90% of participants successfully completing their own creative digital projects

PROJECT EXPERIENCE

Space Adventure Game

Philadelphia, PA

Frontend Developer

January 2024 – June 2024

- Developed an immersive space adventure game using python and agile methodology, where player embark on a mission to explore a universe under siege by an antagonistic leader
- Utilized Pygames to craft a captivating narrative that takes players with assuming the role of a space agent, venturing to various planets to confront and defeat the henchmen responsible for the universe's turmoil
- Designed dynamic gameplay mechanics that blend exploration, strategy and combat, providing players with an engaging experience as they navigate through diverse planetary landscapes and encounter formidable adversaries

Personal Website

Philadelphia, PA

Web Developer

March 2024 - Present

- Designed and prototyped a responsive personal using Figma, focusing on clean UI/UX principles and consistent branding
- Coded the website with HTML and modular SCSS in Visual Studio Code, using Prepros for live preview, SCSS compilation, and asset optimization
- Deployed the site via GitHub and Netlify for continuous integration and hosting, streamlining updates and ensuring version control

ACTIVITIES

Member, Drexel TechServ

January 2024 - Present

Vice-Captain, Competitive Bollywood Fusion Dance Team

September 2024 - Present

Member, Drexel Computer Science Association

September 2023 - Present

Member, Drexel South Asian Student Association

January 2024 - Present