Saunak Patel

Software Developer

Middletown, DE
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Linkedin
Github
Portfolio

EDUCATION

Delaware State University, DE— *Computer Science B.S.*
MAY 2025 (Expected)

GPA 3.78 (Currently)

EXPERIENCE

Software Engineer Intern, Remote — *DormShops*

MAY 2024 - AUGUST 2024

- Developed a mobile application using Swift and Back4App, enhancing user engagement by improving app performance.
- Provided feedback and suggestions for UX design enhancements, contributing to a more intuitive user interface.
- Participated in meetings on future innovations, contributing ideas that supported strategic planning for new features.

Research Assistant, Dover, DE — *Delaware State University*

JUNE 2024 - PRESENT

- Created a Battleship-like game involving Quantum Computing, utilizing data structures and algorithms to enhance the gameplay experience.
- Developed game features using Godot Engine and GDScript, improving user interaction and game performance.

Research Assistant, Remote — *Howard University (RITA UARC)*

JUNE 2024 - OCTOBER 2024

- Utilized machine learning techniques with Python to analyze data and predict outcomes, improving data-driven decision-making processes.
- Conducted research on human brain activities using Python, contributing to a deeper understanding of neurological patterns.

Computer Science Tutor, Dover, DE — *Delaware State University*

SEPTEMBER 2022 - AUGUST 2024 (DURING SEMESTERS ONLY)

- Assisted Computer Science students in understanding foundational course concepts, leading to improved academic performance and confidence in programming.
- Analyzed and debugged code in Python and Java, enhancing students' problem-solving skills and reducing error rates in their projects.

Technical Instructor Assistant, Wilmington, DE – *Code Differently*

MAY 2023 - AUGUST 2023

- Designed and implemented front-end projects for websites and web apps in React and HTML/CSS, enhancing user interface and experience.
- Developed projects using React JS and Python Django, improving application performance and functionality.
- Instructed high school interns in HTML & CSS, leading to improved coding skills and successful project completions

OTHER SKILLS

Figma, Wireframe, User Experience (UX), UX Research, User Experience Design (UXD), Usability Testing, Mockup, Prototype, SQL, Node.js, Git, Swift, XCode, Back4App, Kotlin, Godot, GDScript, Pandas

ADVANCED SKILLS

Python

Java

JavaScript

TypeScript

React

React Native

HTML & CSS

Data Structures & Algorithms

C/C++

CERTIFICATIONS

Google UX Design Specialization

Java

Python

Tech Interview Prep (Medium)