

# Saunak Patel

## Software Developer

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[Linkedin](#)  
[Github](#)  
[Portfolio](#)

### EDUCATION

**Delaware State University, DE**— *Computer Science B.S.*

AUGUST 2021 - MAY 2025

GPA 3.80

### 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 - MAY 2025

- 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

- 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 \(Medium\)](#)

