

Shivam Patel

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PROFESSIONAL SUMMARY

Highly motivated computer science student with a passion for technology and a strong desire to excel in the field. Seeking an opportunity to apply and expand my knowledge and skills as a computer expert while pursuing a degree in computer science. Committed to delivering innovative solutions, embracing challenges, and contributing to the advancement of technology-driven initiatives.

SKILLS

- Apple Certified Repair Agent
- HTML
- Data Analysis
- Operating Systems Expertise
- Network Configuration
- Hardware Diagnostics
- Analytical Thinking
- Gujarati
- Java
- CSS
- Software Installation
- Technical Troubleshooting
- Hardware Repair
- Client Relationship Management
- Problem-Solving
- C++
- JavaScript
- System Diagnostics
- Security Protocols
- Data Recovery
- Team Collaboration
- English

PROJECTS

Elemental Puzzle Game

Technologies: C++, Object-Oriented Programming (OOP), Custom Puzzle Engine, Leaderboards, Achievements

Developed a puzzle game with stages representing elemental forces like Air, Water, Fire, and Earth. Implemented a dynamic system for random question selection in puzzles. Created a scoring system with leaderboards and achievements to track player progress. Designed the game using modular code for maintainability and scalability.

Custom PC Builder Web Application

Technologies: HTML, CSS, JavaScript, Bootstrap, Backend, Database Integration

Built a full-stack web application for users to select and build custom PCs. Integrated real-time pricing and compatibility checks for PC components. Implemented user authentication for saving and managing custom builds. Designed the application with a mobile-responsive layout using Bootstrap.

Neuron Simulation Tool

Technologies: Python, NumPy, Matplotlib, Computational Neuroscience

Developed a tool to simulate neuron membrane potentials over time using different stimuli. Used Euler's method for solving differential equations in neuron models.

Integrated a command-line interface for customizable simulation parameters and visualized the results using Matplotlib.

EXPERIENCE

Geek Squad Consultation

Best Buy, 2022 - Current

- Diagnosed and resolved software, hardware, and network problems for clients
- Performed routine maintenance on computers, servers, and other equipment to ensure optimal performance
- Collaborated with team members to develop solutions for complex technical issues
- Created user accounts, reset passwords, and managed access rights for company employees
- Monitored network activity to identify potential security threats or performance issues
- Installed and configured operating systems, applications, and peripheral devices
- Set specifications for new systems and updates, factoring in input from management, staff and users.

Electronic Associates

Walmart, 2019 - 2021

- Demonstrated a deep understanding of electronics, including computers, TVs, gaming systems, and smart home technology, to effectively assist customers with their purchasing decisions
- Built a strong rapport with customers, leading to increased sales and customer satisfaction scores
- Assisted in training new hires on store policies and procedures, as well as product knowledge
- Maintained a clean and organized department, ensuring that all merchandise was properly displayed and stocked.

EDUCATION

Bachelor of Science (B.S.) - Computer Science

Louisiana State University, Baton Rouge, LA, Dec 2024