

# Bhavy Patel

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## Education

### California State University, San Bernardino

*Bachelor of Science in Information System Technology*

**San Bernardino, CA**

*Aug. 2025 – May. 2027*

### Santiago Canyon College

*Associate of Science in Computer Science GPA: 3.80/4.0*

**Orange, CA**

*Aug. 2023 – Jun. 2025*

- **Coursework:** Object Oriented Programming, Advanced Programming Concepts, Data Structures and Algorithms, Web Development, Database Management Systems, Computer Architecture and Assembly, Computer Networking and Security, Operating Systems
- **Achievement:** Edition International Scholarship awarded to approximately 1% of STEM students based on academic excellence

## Experience

### Data Analyst Intern

*Lightspeed BI Solution LLC*

**Remote - Irvine, CA**

*Nov. 2024 – May. 2025*

- Automated weekly data processing by building ETL pipelines using SQL scripts and Excel Macros, reducing manual workload by 50% and saving 10+ hours monthly
- Assisted in loading and transforming large datasets into AWS hosted databases, improving data consistency and reducing integration errors by 40%
- Developed SQL-based logic to classify regional marketing territories, enabling faster and more accurate campaign targeting
- Created interactive dashboards and visual reports using Excel and data visualization tools, accelerating stakeholder access to marketing insights
- Performed data quality checks and resolved anomalies across pipelines, increasing reporting accuracy by 95%

### Information Technology Help Desk Support Assistant

*Santiago Canyon College*

**Orange, CA**

*Feb. 2024 – Jun. 2025*

- Delivered technical support to 300+ students, staff, and faculty in a dynamic help desk environment, ensuring minimal downtime and efficient operation of IT systems
- Diagnosed and resolved hardware, software, and network connectivity issues through effective troubleshooting and problem-solving techniques
- Managed an average of 20+ support calls and tickets per week using ticketing system, ensuring timely resolutions and high user satisfaction
- Assisted in installation and deployment of new computers, software updates, and peripheral devices, contributing to campus-wide technology enhancements

## Projects

### GO OVERSEAS - Study Abroad Guidance Portal | *HTML, CSS, ASP.NET, C#, Microsoft SQL Server*

- Built a full-stack web portal using HTML, CSS, ASP.NET (C#) and Microsoft SQL Server to assist users with visa processes, exam preparation (IELTS/GRE), and country-specific requirements
- Implemented role-based access control (Admin/Agent/User) for query management, document tracking, and personalized guidance
- Designed system architecture using ER diagrams, DFDs, and Gantt charts, ensuring modular integration and efficient database operations

### Cardiovascular Health Analysis | *R Programming, R Studio, Statistical Analysis*

- Evaluated dataset of 918 patient records with 11 variables, identifying key trends in cholesterol, age, and chest pain types to assess cardiovascular risk factors
- Applied statistical testing including hypothesis testing (t-test), linear regression, descriptive analysis, and data visualization using R Programming Language

### Student Government Election System | *C++, Object-Oriented Programming*

- Developed CLI-based election management system using C++ to simulate a real-world multi-campus voting process
- Applied key OOP concepts including encapsulation, inheritance, and modular design, ensuring clean separation of data and logic across multiple class files

## Technical Skills

**Languages:** Java, Python, SQL, R, C++, HTML/CSS

**Tools:** Visual Studio Code, MS-SQL Server, Tableau, Power BI, Git/GitHub, Excel, Microsoft Office, Google Suite

**AI/LLMs:** OpenAI, ChatGPT, Claude, Gemini

**Soft Skills:** Communication, Collaboration, Adaptability and Flexibility, Problem-Solving, Ability to Accept Feedback