

YASH PATEL

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EDUCATION

Stetson University, DeLand, FL 2026
Bachelor of Science, Computer Science (Dean's List Student) GPA: 3.75

Relevant Coursework:

- Object-oriented programming in C++, Java, and data structures, working with Linux OS.
- Multivariate Calculus, Concepts of Mathematics, Integral Calculus up to Calculus III and Physics.

Dalhousie University, Halifax, NS 2024
Bachelor of Science, Computer Science (Sexton Scholar) GPA: 4.00

Relevant Coursework:

- Engineered object-oriented solutions in Java, while analyzing data using Python with NumPy and TensorFlow for Data Science applications. Multivariate Calculus, Concepts of Mathematics, Integral Calculus up to Calculus III and Physics.
- Extensively Used and operated experimental robots using ASEBA programming language.
- Implemented data representation techniques, developed circuit logic, and explored machine execution and RAM layout using C and ASM.

SKILLS

Programming Languages: Python, Java, C, C++, JavaScript

Technologies/Frameworks: React.js, Node.js, HTML, CSS, MS Office Suite

Libraries: OpenCV, OpenGL, GSAP, Pandas, NumPy, TensorFlow, Matplotlib, Pillow, Tkinter

Developer Tools: Git & GitHub, Visual Studio, IntelliJ, eclipse, MySQL, SQLite, Linux OS, Vercel

Interpersonal Skills: Growth Mindset, Problem Solving, Data Driven, Communication, Collaboration

PROJECTS

PORTFOLIO WEBSITE - <https://github.com/YashPatel04/My-Portfolio> React.js, Node.js, HTML, CSS, GSAP

- Developed an interactive portfolio website using React and GSAP (GreenSock Animation Platform) to showcase personal projects, skills, and contact information. The website features smooth scrolling animations and dynamic content visibility based on user interactions.
- Implemented email sending functionality using Gmail API, allowing visitors to contact me through the website.
- Implemented responsive design and modular components to ensure a consistent user experience across various devices and screen sizes.

FACE DETECTION APP - <https://github.com/YashPatel04/Face-Detection-System> Java, OpenCV, Maven

- Developed a robust face detection system leveraging the OpenCV library in Java, capable of accurately identifying and tracking faces in real-time.
- Implemented advanced image processing algorithms to enhance detection accuracy and performance, ensuring efficient and reliable face recognition under various conditions.

LIBRARY MANAGEMENT SYSTEM - <https://github.com/YashPatel04/Library-Management-System> Python, MySQL, Tkinter

- Designed and implemented a comprehensive Library Management System using Python and MySQL, enabling efficient management of library resources and user transactions.
- Developed features for book borrowing, returning, and inventory management, providing a seamless and user-friendly interface for both librarians and patrons.

CERTIFICATIONS

- Certified in C & C++ <https://shorturl.at/HdJrG>
- Certified in Python <https://shorturl.at/hucSz>
- Certified in Data Structures and Algorithms using Java <https://shorturl.at/kbYsn>



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