Ritesh Persaud

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EDUCATION

STEVENS INSTITUTE OF TECHNOLOGY   **HOBOKEN, NJ**
Bachelor of Engineering in Software Engineering   Anticipated Graduation: May 2026
Cumulative GPA: 3.88

HONORS AND AWARDS

Dean's List, Stevens Institute of Technology, 2022 – Present
Global Scholarship, Stevens Institute of Technology, 2022 – Present
Cum-Laude Graduate, Andrews Osborne Academy, 2022

SKILLS

Software: SOLIDWORKS CAD, Adobe Illustrator, Adobe Photoshop, Office 365, Google Apps
Significant Experience with JavaScript
Moderate Experience with HTML5, CSS, React.js, Python and Java
Some Experience with C++, Node.js

EXPERIENCES

GALLOIS AUTONOMOUS ROBOT COMPETITION | HOBOKEN, NJ | SPRING 2023
Lead Software Engineer
- Created an autonomous robot capable of avoiding collisions and navigating an obstacle course under five minutes
- Collaborated with team members to construct the robot using SOLIDWORKS CAD, FlashPrint Slicing, and WeMos Circuit Boards
- Formulated Pathfinding, Target Recognition and Obstacle Avoidance Methods using C++ and the Arduino IDE
- Successfully completed obstacle course and placed 6th out of 150 teams

LAUNCHPAD@STEVENS | HOBOKEN, NJ | 2022 - PRESENT
Researcher/Developer
- Research Web.3 and Blockchain Technologies
- Developed a Blockchain using JavaScript classes and object-orientated programming practices
- Research Artificial Intelligence and Machine Learning Developments
- Design Application Prototypes using Figma Prototype Design
- Create engaging applications with React.JS utilizing reusable functional components, prop passing, React Hooks, and Arrow Functions

WELLCAST ROI | REMOTE | SUMMER 2021
Intern
- Reviewed and conducted the WellCast algorithm with various data inputs
- Developed client presentations within a team environment based on WellCast algorithms results
- Collaborated in teams of 3–4

ACTIVITIES

Volunteer, Trinity Health Clinic, 2018 – Present
Scholar, Stevens Institute of Technology Pinnacle Scholars, 2022 – Present
Manager, Stevens Men's Basketball, 2023 – Present
IBM Qubit x Qubit Quantum Computing Camp, Summer 2021