

# Parth Kabaria

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## Education

### New Jersey Institute of Technology

September 2023 - Present

B.S. in Computer Science at the Albert Dorman Honors College and the Ying Wu College of Computing

Newark, NJ

- Full-Ride Scholarship, GPA 3.955/4.000
- Expected Graduation May 2026
- Relevant Coursework: Programming Language Concepts, Foundations of Computer Science I, Introduction to Computer Science II, Linear Algebra, Introduction to Data Science, Intensive Programming in Linux
- Clubs: Association for Computing Machinery, Information and Cybersecurity, Google Developers, Ultimate Frisbee Team

## Work Experience

### Public Service Enterprise Group (PSEG) Internship

June 2024 - August 2024

Data Analytics Intern

Newark, NJ

- Interned on the Asset Strategy and Reliability team and used data analytics to drive company performance improvements.
- Extracted and transformed 1000's of raw data values using SQL queries to assist with multimillion dollar projects
- Produced meaningful visualizations and reports detailing company performance using PowerBI and Excel

### NJIT Whiteboard Robot Research

October 2023 - May 2024

GPS System Programmer

Newark, NJ

- Processed colored light data using Arduino and C++ to calculate the position of the robot, which can magnetically attach to whiteboards and respond to colored projector light and shadows
- Presented my research at NJIT's Honors Interdisciplinary Research Forum in December 2023

### Dellicker Strategies Internship

September 2022 - June 2023

Cybersecurity Intern

Hackensack, NJ

- Acquired cybersecurity, information technology, and project management skills as applied to mid-sized organizations
- Conducted research on cybersecurity threats for the company and interacted with stakeholders in business meetings

## Projects

### Internship Tracker

July 2024 - August 2024

Full Stack Developer

Newark, NJ

- Created a full stack application using Angular with Bootstrap, Node.js, Express.js, and MongoDB
- Enabled registration and login along with creating, retrieving, updating, and deleting internship application data table entries

### HackNJIT 2023

November 2023

Developer of Pirate Game

Newark, NJ

- Collaborated on a Python project using Pygame where the player defeats groups of pirates with different abilities, upgrading attack power and various skills before fighting a final boss

### Coral Reef Sensor

October 2022 - June 2023

Wireless Communication Researcher

Hackensack, NJ

- Researched and developed color and light sensor code to quantify the quality and health of underwater coral reef systems
- Transmitted data from an Adafruit Feather Huzzah wirelessly using C++ and Arduino
- Demonstrated project at Jenkinson's Aquarium in Point Pleasant, NJ

## Awards & Honors

- National Youth Science Camp 2023: Selected as 1 of 3 delegates representing New Jersey, joined by students nationwide
- National Merit Finalist 2023: Winner of the National Merit Bristol-Myers Squibb Company Scholarship
- FIRST Robotics: Dean's List Semifinalist; Inspire, Innovate, Design, Connect, Think, and Aerospace awards
- Junior Division Finalist in American Computer Science League: Competed in programming competitions every few months that encompassed newly learned concepts

## Skills

- Computer Languages: Java, Python, HTML, CSS, JavaScript, C, C++, C#, SQL
- Computer Programs: GitHub, Visual Studio, Unity, MATLAB, Arduino, PowerBI, Excel, MS Suite, Google Services
- Soft Skills: Problem-Solving, Organization, Determination, Leadership, Collaboration, Communication, Adaptability
- Spoken Languages: English, partially fluent in French, Hindi, and Gujarati