

# Anbar Saleem

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## EDUCATION

New Jersey Institute of Technology,  
Newark, NJ - **B.S. in Computer Science** May 2025

- Albert Dorman Honors Scholar (GPA: 3.9)
- **Coursework:** Data Structures and Algorithms, Databases, Linear Algebra, Operating Systems, Linux Programming, Data Science

## SKILLS AND TECHNOLOGIES

### Proficient Technologies

Java Python JS React Express  
TS C# C++ Git Unity Ionic  
Tailwind HTML Markdown

### Knowledgeable Technologies

Bash VueJS iOS SQL CSS  
Bulma Pandas BeautifulSoup  
Selenium

## EXPERIENCE & LEADERSHIP

### Application and Software Development Intern - Colgate Palmolive

1/2023 - Present

- Developed and maintained Hill's Pet Nutrition customer-facing site, utilizing **ReactJS** and managing dependencies with **Yarn**
- Led initiatives to optimize translation process for future worldwide releases of site's profile hub, ensuring seamless localization
- Ensured efficient workflow and timely delivery of project milestones through following **Agile Scrum methodology** with **Jira**
- Demonstrated ability to learn new technologies and programming languages quickly while maintaining a strong attention to detail

### Project Lead - [Scenotate](#), NJIT Interactive Cross-Reality Lab

5/2022 - 8/2022

- Managed design and development of a **Unity** application for generating annotated VR scenes of Roman shrines, utilizing CSV file integration to efficiently label and organize various features and artifacts within the virtual environment for education purposes
- Improved the adaptability of the project for future lab students by implementing CSV reading functionality and translation of read information into **C#** objects at runtime
- Coordinated user input and interaction with annotation game objects to show/hide text above the user's wrist using OpenXR Plugin and the Unity XR Interaction Toolkit
- Developed dynamic conversion of panoramic images to applicable skybox materials upon loading the application using **C#**

### Research Fellow - Undergraduate Research Institute, NJIT

5/2022 - 7/2022

- Developed a capstone presentation for NJIT URI at the end-of-10-week Research Symposium
- Engaged in advanced workshops on complex research methods and ethics led by NJIT Albert Dorman Honors College professors

### Student Entrepreneur - Highlander Foundry, NJIT VentureLink

6/2022 - 8/2022

- Selected as one of eight participants in an 8-week program to attend workshops and one-on-one meetings to develop entrepreneurship skills including marketing, customer development and outreach, and pitching to investors
- Pitched project at a showcase at the end of the program to real high net worth businesspeople/investors

### Course Assistant - Intro to Java Programming I, NJIT

12/2021 - 5/2022

- Evaluated and delivered constructive feedback on weekly programming assignments and exams
- Held weekly office hours for students to review core concepts and debug assignments

### Volunteer Mentor - eSTEM Challenge, Newark, NJ

12/2021 - 5/2022

- Guided elementary school students in the process of conceptualizing, designing, and prototyping a wind-powered vehicle to gain early hands-on engineering experience and promote renewable energy resources

## PERSONAL PROJECTS

### [Fitbit-Apple Health Integration App](#)

6/2023 - Present

- Designed and developed a robust, user-friendly full stack **iOS** application, leveraging **ExpressJS** for the backend and **VueJS** with **Ionic** for the frontend, to seamlessly integrate Fitbit exercise data requested from Fitbit's API with Apple HealthKit API
- Enabled one-click synchronization and a customizable dashboard with filters, resulting in a streamlined fitness tracking experience

### [Pixabay Gallery App](#)

1/2023 - 2/2023

- Developed a Gallery App utilizing the Pixabay API to showcase proficiency in **ReactJS** and Responsive **Tailwind CSS** Styling
- Created an inclusive user experience by implementing accessibility features such as tab indexing and descriptive image alt text

### [Personal Portfolio Site](#)

7/2020 - Present

- Developed personal website hosted on GitHub Pages using **HTML**, **CSS**, and **Javascript** in order to showcase various programming projects (with info scraped from personal GitHub profile using GitHub's API), resume, and contact info

## AWARDS

NJIT Provost Undergraduate Research Institute Fellowship, NJIT Honors Summer Research Institute Fellowship, NJIT Dean's List, The Khawaja Foundation Scholarship, National Honor Society, National AP Scholar