

# Anbar Saleem

Github: [@anbarsaleem](#) Email: [anbar.saleem@gmail.com](mailto:anbar.saleem@gmail.com) Personal Website: [anbarsaleem.com](http://anbarsaleem.com)

## EDUCATION

New Jersey Institute of Technology,

Newark - **B.S. in Computer Science** 9/2021 - Present

- Albert Dorman Honors Scholar (GPA: 4.0)
- Coursework: Data Structures and Algorithms, Calculus, Linear Algebra, Probability and Statistics

## SKILLS

**Programming:** Java, Python, Javascript, C#, C++, Git, Unity, Pandas, BeautifulSoup, Selenium, GitHub API

**Web Development:** CSS, HTML, Markdown, Bulma, ReactJS

**Languages:** English, Urdu, Hindi

## EXPERIENCE & LEADERSHIP

**Project Lead - Scenotate, NJIT Interactive Cross-Reality Lab**

5/2022 - 8/2022

([https://anbarsaleem.com/Scenotate\\_Infographic.pdf](https://anbarsaleem.com/Scenotate_Infographic.pdf))

- Led development of an educational VR tool for the Oculus Quest to automate rendering of spatial annotations associated with situational scenarios using Unity
- Used OpenXR Plugin and Unity XR Interaction Toolkit to handle user input and interaction with annotation game objects that would enable associated text to appear above the user's wrist
- Implemented CSV reading functionality and translation of read information into C# objects at runtime
- Developed dynamic conversion of panoramic images to applicable skybox materials upon loading the application using C# for Unity

**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, ethics, and presentations 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 in front of real investors

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

12/2021 - 5/2022

- Graded and provided 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 - Present

- Lead elementary school students in designing and prototyping a wind-powered vehicle to gain early hands-on engineering experience and promote renewable energy resources

**Team Captain - First Robotics Competition Team 3515, Iselin, NJ**

10/2017 - 2/2021

- Designed and applied the electrical system for the First Infinite Recharge game
- Learned about different models of motor controllers, including the Spark/Talon-SRX series
- Wired electrical system together (e.g. motor controllers, power distribution panel, RoboRio Robotics controller)
- Developed strong understanding of Robot mechanics, programming, and electronics as the drive team member, electrical team member, and mechanical team member

## PERSONAL PROJECTS

**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 (using info scraped from personal GitHub profile), resume, and contact info

**BilliAgeCheck**

9/2022 - Present

- Web scraped and organized live Forbes Billionaire Data using Selenium, BeautifulSoup, and Pandas Python Libraries to create a plot displaying which age group contains the highest frequency of billionaires on a ReactJS webpage

## 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