

# Sean A Ramirez

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## Education

### New Jersey Institute of Technology

Ying Wu College of Computing, Computer Science, Undergraduate, Fall 2019 to Expected December 2023

### Relevant Courses

- CS 115: Introduction to Computer Science using C++
- FED 101: Fundamentals of Engineering Design
- CS 100: Roadmap to Computing using Python
- CS 116/114: Basic Data Structures and Algorithms
- IT202: Internet Applications (HTML, XML, JavaScript, PHP, CSS)
- CS 288: Intensive Programming Practice (Bash, UNIX, ANSI C, LAMP-Stack Web Development, Parallel Programming)
- IS 390: Requirements Analysis and Systems Design (SDLC, Project Management/Design)
- CS 370: Introduction to Artificial Intelligence
- CS 490: Guided Design in Software Engineering (ReactJS, Agile Development)
- CS 434: Advanced Database Systems (PL/SQL, XML, JSON, MongoDB)
- CS 482: Data Mining (TensorFlow, Various Machine Learning Concepts)
- CS 435: Advanced Data Structures and Algorithms
- CS 490: NJIT YWCC Capstone

## Extracurriculars

- **Filipinos In Newark Engaging in SocioCultural Traditions (F.I.N.E.S.T.) (Fall 2019 to Fall 2022)**
  - General Organization Member
- **IEEE NJIT Student Chapter (Spring 2020 to Spring 2022)**
  - General Organization Member

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## Projects

### Band Geeks News App

- Personal News Feed Web Application using RedwoodJS, Tailwind CSS, and NewsAPI
- Assisted in the development of certain parts of the UI/UX and Back-End, Provided meaningful insight and feedback during team meetings and tests of the app

### NJIT YWCC Capstone (Fall 2023)

- Worked on a project in a student team under the guidelines of NJ Courts
- Developed in an Agile Workflow to achieve a working prototype of a mobile-first web application

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## Skills

- JavaScript, ReactJS, HTML, CSS, Python, C/C++, SQL, Oracle PL/SQL, MongoDB, Git, Bash, UNIX, PHP
- Microsoft Office (Word, PowerPoint, Excel, Outlook), Microsoft Visual Studio Code, Windows Subsystem for Linux (WSL), GitHub, Windows 10/11, Linux (Ubuntu)
- Teamwork, Communication, Organizational Skills, Analytical Skills, Quick Study, Critical Thinking, Problem Solving