

# Norton Andres Perez

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## Education

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### Rochester Institute of Technology

Jan 2022 - May 2024

#### BSc in Computer Science

**Relevant Courses:** Mechanics of Programing, Intro to Software Engineering, Intro to Computer Science Theory, Intro to Artificial Intelligence, Concepts of Computer Systems, Concepts of Parallel and Distributed Systems, Linear Algebra, Graph Theory.

### Broward Community College

Jan 2020 - Dec 2021

#### AA in Computer Science

GPA: 3.95

**Relevant Courses:** Intro to C++, Calculus 1, 2 & 3, Physics 1 & 2.

## Skills

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Programming languages: Python, Java, JavaScript, HTML, CSS, SQL, C#, C++, C, assembly.

Technologies/Frameworks: TCP/IP, HTTP, REST APIs, Angular, Git, JUnit.

Developer tools: Visual Studio Code, PyCharm, IntelliJ, Rider, GitHub, Vim.

Soft skills: problem solving, teamwork, communication, adaptability.

## Projects

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### REST API.

- Work on a Java-based API for an E-Commerce business.
- Create a product based on the needs and specifications of a client.
- Managing a team and working with Agile principles.

### Database application.

- Generate a conceptual model and data analysis of the database.
- Database to keep track of movies, their cast members, ratings, and watch count for multiple users.
- Working with PostgreSQL to create a database application that provided users with a social network application where they can share their tastes in movies.

### Encrypted server communications.

- Used network protocols to connect to a server and establish secure communication with other users through asymmetric encryption.
- Implemented a messenger Client to encode and decode messages based on RSA algorithm.

## Work experience

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**Teaching assistant** | Rochester Institute of Technology. Rochester, New York.

- Prepared and organized class materials to ensure that students had a good learning experience.
- Helped with student doubts and inquiries.

**Math Tutor** | Broward Community College. Davie, Florida.

- Created and maintained a welcoming, friendly, and engaging environment for learning.
- Explained complicated topics in an easy-to-understand way.