

# Joseph Antonucci

## Computer Scientist & Eagle Scout

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### Education

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**New Jersey Institute of Technology** Newark, NJ  
B.S., Computer Science; Dean's List; May 2024

### Work Experience

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**Panera Bread**, Clark, NJ Summer 2021  
Cashier & busboy

### Projects

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**"Eve Online 2"** - Creator Summer 2020, 2021

#### Massively Multiplayer Online Game (MMO)

- Built from the ground up as a framework for a Massively Multiplayer Online Game, similar to Eve Online.
- Incorporated calls to a (self-made) server, allowing clients to simulate flying a ship through space
- Utilized the LibGDX game engine and Java for both the server and client sides

**"The Jimpilier"** - Creator Summer 2022

#### Custom programming language compiler & interpreter

- Currently being developed in C++, guided by "the Dragon Book"
- The interpreted language (dubbed "Jimbo") is designed to be similar in syntax to Java's, optimized for readability, utilizing similar features to C++
- An interpreter and compiler will both be implemented to allow for the debugging abilities of Java and the exportability of C++

### Awards

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300 Hours Of Community Service July 2020  
Varsity Fencing Letter March 2020  
Eagle Scout Rank May 2019  
Inducted into Math Honor Society Feb 2018  
Troop 368 Gold Service Coin Feb 2018

### Skills & Interests

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- **Applications:** Microsoft Visual Studio, Microsoft Visual Studio Code, Git/Github, Eclipse, Tensorflow, LibGDX, Android Studio, Adobe Photoshop, Blender, Windows 10, Windows 11, Linux (Debian), Raspberry PI
- **Languages:** English (fluent), Java (fluent), C++ (fluent), C (Proficient), Python (proficient), SQL (Proficient), PHP (Proficient), Javascript (Proficient), Ladder Logic (Introductory), Assembly (Introductory)
- **Interests:** Programming, Artificial Intelligence, Tensorflow, Volunteering, Boy Scouts,