# Jake Torres

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## Education

**Columbia University** - *Bachelors of Science in Computer Science GPA: 3.71*          *New York, NY* | August 2021 – May 2025
- Activites: Bwog Senior Staff Writer, Intramural Basketball, App Development Intiative, Spectra, Esports Club, SHPE
- Relevant Coursework: Advanced Programming in C, Data Structures in Java, Neural Networks, Databases, and Calculus

**Stargate High School** - *High School Diploma GPA: 4.0 UW / 4.4 W*          *Thornton, CO* | August 2017 – May 2021

## Experience

**Microsoft** - *Software Engineering Intern*          *Redmond, WA* | June 2023 – September 2023
**CS@Columbia Univeristy** - *Advanced Programming Teacher Assistant*          *New York, NY* | Sepetember 2022 – Present
- Graded labs and assessments, hosted office hours, and aided in instruction of the class of 400 students.

**Meta/Facebook** - *FBU - Meta University Engineering Intern*          *Menlo Park, CA* | June 2022 - August 2022
- Spent 3 weeks learning how to make iOS apps in Xcode with Objective C, Swift, and APIs by making clones of popular apps like Instagram, Twitter and IMDB
- Ranked number one among other iOS interns during midpoint review for the amount of features added, learning speed, quality of work, communication and productivity
- Developed my own social media platform app, Piccy, where users can post a GIF related to a randomized daily topic using Tenors API. Wireframed, planned and created everything on my own.

**Microsoft** - *TEALs Teacher Assistant*          *Miami, FL* | June 2021 – April 2022
- Helped a high school Computer Science teacher lead instruction and assisted in organizing curriculum.

**Code Ninjas** - *Code Sensei*          *Broomfield, CO* | Nov. 2019 – June 2021
- Taught around 200 kids aged 7-15 how to code in Python, Lua, JavaScript, HTML, C#, and Scratch
- Helped run day to day involving cleaning, organizing events, communicating with parents, and marketing as well
- Created online and in-person curriculum for camps and classes in Python and Lua which I used to create new ways of teaching kids during quarantine
- Created advertising material using Adobe Suite to attratch new customers successfully after and during the pandemic

**Colorado School of Mines** - *High School Intern*          *Golden, CO* | May 2020 – Aug 2020
- Taught Python to 30+ faculty, graduate students, professors and teachers around and in Colorado
- Documented curriculum and assignments to teach Python 102 at the Colorado School of Mines
- Introduced 40 students from grades 3-10 to computer science
- Taught 40 middle school students how to code through an algebra based programming language, BootStrap
- Managed the Computing For Good program and led a group to make a carbon footprint calculator webapp.

## Projects, Activities and Awards

**Trivia Discord Bot** | *Java, Visual Studio, GitHub, Discord API, Java Discord API*          January 2022
- Made a Discord bot using the Java Discord API and the Discord API which let users play trivia games by adding it to their server
- Parsed a trivia question API to supply the 50,000+ availible questions and tracked users stats

**GoGreen** | *JavaScript, HTML, GitHub*          September 2021
- Worked with a team to make a webapp for the HackMIT hackathon that calculated the carbon footprint of different modes of transportation using the Google Maps API.

**Faux: Brackeys 4 Game Jam** | *C#, Visual Studio, Git, FMOD, MonoGame, Audacity, JSON, .NET*          Aug 2020
- Made a platforming game in one week with a team by developing a game engine from scratch in C# with the .NET framework and MonoGame and placed 7th out of 2000 teams internationally

**HSF Scholar**          July 2021
- Recognized my academic achievement and dedication to my community

## Skills and Interests

**Languages**: Java, Python, C#, C, C++, Objective C, Swift, JavaScript, React & Next.js, HTML/CSS, Lua, SQL, Spanish
**Developer Tools**: Git, PyTorch, Xcode, Visual Studio, Eclipse, JetBrains Suite, VS Code, Unity, Godot
**Other Skills**: Adobe Suite(Photoshop, Premier, After Effects, Illustrator), Audacity, FMOD
**Outside Interests**: Competitive Esports and speedrunning, Physics, Astronomy, Eating, Board Games, Skiing, and Traveling