

JAKE TORRES

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EDUCATION

Columbia University

Bachelors of Science in Computer Science

New York, NY

Aug. 2021 – May 2025

Stargate High School

High School Diploma GPA: 4.0 UW / 4.4 W

Thornton, CO

Aug. 2017 – May 2021

EXPERIENCE

Microsoft

TEALs Teacher Assistant

June 2021 – Present

Miami, FL

- Help teach high school students how to code in Python. Help run day to day in a high school classroom

Code Ninjas

Code Sensei

Nov. 2019 – June 2021

Broomfield, CO

- Taught kids aged 7-15 how to code in Python, Lua, JavaScript, HTML, C#, and Scratch
- Helped run day to day: cleaning, organizing events, communicating with parents, and marketing
- Created online and in-person curriculum for camps and classes in Python and Lua
- Created advertising material using Adobe Suite

Colorado School of Mines

High School Intern

May 2020 – Aug 2020

Golden, CO

- Taught Python to 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 36+ students from grades 3-10 to computer science
- Taught middle school students how to code through an algebra based programming language, BootStrap
- Helped manage the Computing For Good program. My group made a carbon footprint calculator

PROJECTS, ACTIVITIES AND AWARDS

Faux: Brackeys 4 Game Jam | C#, Visual Studio, Git, FMOD, Monogame, Audacity, JSON, .NET

Aug 2020

- Made a game in one week with a team
- Placed 7th out of 2000 internationally
- <https://jakasaurus.itch.io/faux>

GoGreen: HackMIT Project | Git, JavaScript, HTML, CSS

Sep 2021 - Present

- A WebApp that uses GoogleMaps API to tell you the environmental effects of different modes of transportation to your destination

Bwog Staff Writer

Sep 2021 - Present

- Help write news for one of Columbia's student organized news websites
- Around 1 article a week

CyberPatriot | Linux

Sep 2019 - Jan 2020

- Practiced weekly for competition hosted by the Air Force
- Challenges working with a team to eliminate viral threats, correcting permissions on a computer, creating a mock internet network, and taking a test on internet architecture

National Honor Society Digital Presence Officer | Adobe Suite, Video and Photo Editing

Sep 2020 - May 2021

- Managed all technical aspects websites, videos, and social media
- Managed digital projects and helped organize online events
- Created and organized two NHS Inductions that were carried out online

HSF Scholar

July 2021

- Recognized my academic achievement and dedication to my community

SKILLS

Languages: Java, Python, C#/C/C++, JavaScript, HTML/CSS, Lua, Spanish

Developer Tools: Git, Visual Studio, Eclipse, JetBrains/IntelliJ/PyCharm, VS Code, Unity

Other: Adobe Suite(Photoshop, Premier, After Effects, Illustrator), Audacity, FMOD