

Jeffery Frederic

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University student with a hobby of building everything from silly to complex programs and a passion for learning new technologies and improving my skills as a developer. Looking to join a team of like-minded people where I would be able to contribute on larger scale projects that fulfil a role in the market.

Professional Experience

Commercial Surface Ambassador

EducationAtWork - Microsoft

April 2021– Present

- Analyzed Surface Diagnostic Toolkit (SDT) logs to diagnose software issues and resolve them accordingly.
- Assigned a V-DASH Microsoft Vendor account for access to ROBO & TFS commercial support software.
- Among the **top-10** agents in the department due to high consumer ratings and short time of resolution.

Achievements: Promoted from *Office365 Consumer Support* to *Surface Commercial Ambassador* 4 months after hire due to consistent 5-star consumer ratings.

Undergraduate TA/Grader

Arizona State University

August 2021– Present

- Have graded over 1000+ student assignments, assisted over 500+ students and held over 300+ office hours for the following courses:
 - Data Structures & Algorithms (x1 semester), Object Oriented Programming (x3 semesters), Principles of Programming (x2 semesters)

Technical Officer

SoDA (Software Developers Association) Club at ASU


January 2022 – May 2022

- Volunteer club position to assist with events, manage the [SoDA.io](#) website, and encourage other students to join the club.
- Main duties were to manage the website to reflect event announcements, student attendance, and information about the club.

Projects ** Check out [more](#) projects on my [website!!](#) **

Maze Generator - JavaScript, HTML5, CSS3 [Try Me!](#)

- Visualize the [Depth First Search](#) algorithm that creates and solves beautiful complex mazes.
- Taught me how to use classes, JavaScript Promises, and HTML5 <canvas> manipulation.

Space Invaders - Python, PyGame, Tkinter  PyGame Coding Timelapse - Python

- Interactive game that progressively gets harder as you continue.
- Learned how to create interactive objects, manage sprite animations, and track user progress.

Youtube Content Creator - [@JefferyFrederic](#)

- Participating in programming challenges such as [Advent Of Code](#) and explaining my solutions.
- Creating tutorials for my UGTA courses and for others to solve their common problems.

Technical Skills

- **Core Skills:** Python, Java, C/C++, JavaScript, HTML5, CSS3, GitBash
- **Other Skills:** MySQL, JDBC, SQLite,

Education

Arizona State University - B.S. Computer Science (GPA 3.45/4.0) - Upcoming Senior

Expected May 2024