Tyler Weiss

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Education

Temple University – Philadelphia, PA   **Fall 2019 – Spring 2023**

    College of Science and Technology, Bachelor of Science in Computer Science

        GPA: 3.48 | Dean's List: Spring 2021

Tools and Languages

Python, HTML, CSS, JavaScript, Google Firebase, Node.js, Flask, Web APIs, Bootstrap, Git/GitHub, Flutter/Dart, IT Services

Professional Experience

Product Support Engineer – AVEVA   July 2024 – Present

- Provide technical support for AVEVA's PI System, troubleshooting data integrity and performance issues.
- Resolve complex issues in PI Data Archive, PI Asset Framework, and PI Vision for optimal functionality.
- Assist customers with best practices, security configuration, and system reliability improvements

IT Help Desk Analyst – Penn Medicine   October 2023 – July 2024

- Provided technical assistance to healthcare staff across six hospitals and hundreds of outpatient centers.
- Troubleshot applications such as Microsoft 365, Windows, Epic, Duo, VPN remote issues, Avaya, Haiku, and Cerner.
- Assisted patients in resolving issues and navigating MyChart, a healthcare communication platform.
- Managed password resets and account unlocking, while documenting resolutions in Athena.

IT Technical Support – Temple University   August 2020 – May 2023

- Delivered immediate, in-person technical support to professors in a live, on-campus classroom setting.
- Troubleshot issues with Microsoft 365 products, Windows applications, and Zoom meetings, and resolved audio and video problems.
- Supported the operation of room/office equipment including cameras, projectors, speakers, and PC-based peripherals.

Technical Projects

Portfolio Website – www.tylerhweiss.com

- Developed a responsive portfolio website with HTML, CSS, JavaScript, and Bootstrap that highlights my technical skills.
- Implemented Content Security Policy (CSP) headers and reCAPTCHA for secure form submissions.
- Implemented server-side functionality, with Node.js and Express.js, and implemented an SMTP server for email connectivity.
- Deployed the website to the internet using Firebase.

Tools used: HTML, CSS, JavaScript, Bootstrap, Node.js, Firebase

Spotify Playlist Sorter Website – www.sortspotifyplaylist.ue.r.appspot.com

- Developed a Flask web application employing HTML, CSS, and JavaScript, designed to sort user playlists effectively.
- Utilized the Spotify Web API to access and retrieve user-specific playlist data, enhancing personalization.
- Implemented a dynamic playlist management system capable of updating or creating playlists chronologically and alphabetically, based on release date, track name, and artist name.
- Developed a Python script integrated with client-side JavaScript for dynamic playlist organization.

Tools used: Python, Flask, HTML, CSS, JavaScript, Web APIs

Fitness Mobile Application

- Developed a cross-platform Flutter application for creating, managing, and tracking custom workout routines.
- Integrated Firebase for user authentication and data storage.
- Developed functionality for users to create custom workouts by specifying names, exercises, sets, and repetitions.
- Developed a feature for post-workout data storage, allowing users to review their historical progress over time.

Tools used: Flutter, Dart, Firebase

Leadership Opportunities

Pioneer Pipe   June 2017 – May 2023

- Managed yard inventory, supervised pipe equipment loading/unloading, and maintained construction equipment.

Boy Scouts of America – Eagle Scout   Earned rank in December 2018

- Exhibited strong leadership abilities, leading and motivating others through complex tasks and community-oriented projects.