Steve J Franz

(724) 977-1109
stephenfranz22@gmail.com

LINKS

- https://github.com/sfranz2422
- https://www.linkedin.com/in/steve-j-franz-3538942b/

EXPERIENCE

Mohawk School District, Bessemer — *Math & Computer Science*
Teacher Help Desk

AUGUST 2009 - PRESENT

- Taught MATH 0220: Calculus 1 through University of Pittsburgh College in High School Program.
- Teach Computer Hardware course to prepare students for the A+ exam.
- Worked in the help desk during summer months repairing and upgrading district PCs, Macs and Chromebooks.
- Teach CS 0012: Introduction to Computing for the Humanities through University of Pittsburgh College in High School Program.
- Teach CS 0134: Website Design and Development through Pitt College in High School Program.
- Teach CS 0334: Intermediate Website Design and Development through Pitt College in High School Program.
- Teach Game Design using Godot and introductory JavaScript class.

Self Employed, Brookfield — *Web Developer*

JUNE 2023 - PRESENT

- Designed and built scalable web applications as a Full Stack Developer.
- Specialized in Flask for backend development, handling dynamic content and API integrations.
- Implemented user authentication and secure database designs for robust application security.
- Developed responsive UIs using modern frontend frameworks for seamless user experiences.
- Optimized backend performance, ensuring efficient deployment and system scalability.
- Integrated third-party APIs and managed data flow between client and server.
- Focused on security best practices, including data encryption and secure authentication mechanisms.

Youngstown State University, Youngstown — PT *Faculty Statistics / College Algebra*

JAN 2008 - AUG 2020

- Taught introductory algebra and statistics classes.

SKILLS

Teaching

Python

Flask Backend Development

Web Development

CERTIFICATIONS

CCNA (2011–2015)

Comptia A+ (2025–2028)

EDUCATION

Graduate Certificate | Mathematics (Statistics Focus)

Youngstown State University, Youngstown, OH

Bachelor of Science | Mathematics

Youngstown State University, Youngstown, OH

Master of Science | Education

Westminster College, New Wilmington, PA

PROJECTS

Quiz Playground

https://quizplayground.com/

Red Lawns

https://redlawns.com/

Syntax Gym

https://syntaxgym.replit.app/

Ellwood City School District, Ellwood City— Instructional Technology Coach/Tech Support

OCTOBER 2008 - AUGUST 2009

- Repaired and maintained district computers.
- Set up MacBook mobile labs.
- Set up Airport Wireless Access Points.
- Provide on-site staff development to ensure teacher knowledge of research-based technology solutions, assessment, intervention and instructional strategies.
- Utilize coaching logs and provide a semi annual report of activities and reflections.
- Completed Pennsylvania's "Classrooms for the Future" instructional technology training.
- Completed Apple tech support training.

Clarion University, Clarion — Technical Support Analyst

JULY 2008 - OCTOBER 2008

- Provided help desk support to all smart classrooms throughout campus.
- Repaired hardware and software issues.
- Provided training to faculty on the use of smart classroom equipment and software.
- Utilized Heat system to track and monitor support calls.
- Blackboard LMS Administrator.
- MOODLE LMS, Blackboard LMS,
- Interwrite Interactive Whiteboards, Promethean Interactive Whiteboards, Smart Interactive Whiteboards.