

Patrick Mehlbaum

web developer, software engineer

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SKILLS

- Languages
 - HTML5
 - CSS3 + SCSS
 - JavaScript + TypeScript
 - PHP
 - Java
 - VB.NET
- Web Technologies
 - Angular
 - Bootstrap
 - Node.js + npm
 - ORM
 - WordPress/CMS
- System Administration
 - Windows + Windows Server
 - Docker
 - Git + JetBrains Space
- Database Management
 - MySQL/MariaDB
 - Query Optimization
 - Data Normalization
- Microsoft Office Specialist
- Leadership
 - National Youth Leadership Training
- Effective communication
- Excellent interpersonal skills

EDUCATION

2020 – Current

Rochester Institute of Technology

Expected: May 2024

Bachelor of Science, Computing Security

Relevant Coursework:

- Routing and Switching
- Programming for InfoSec
- Software Development II
- Systems Administration II

2019

Bucks County Community College

GPA: 4.0

Relevant Coursework:

- Computer Science II

OBJECTIVE

Personable and motivated Computing Security junior at RIT with over 5 years' experience of web development, and a strong foundation in leadership and logic. Seeking to use proven project management and problem-solving skills to develop efficient and usable solutions.

EXPERIENCE

Lab Tech. & Web Team Lead, RIT GCCIS SEP 2020 – MAY 2022

- Lead the design and development of an inventory and asset management system with over 5,000 tracked items.
- Actively maintains and oversees the equipment and data in all Golisano College computer labs along with student and lab worker records.
- Helps mentor lab assistants on hardware and software diagnostics, along with assisting in inventory management and administration.

Software Developer I, RIT ITS MAY 2022 – Current

- Designed, prototyped, developed, and maintained a web-application originally as part of a summer project.
- Handle ACME requests for certificate management while providing an intuitive and easy-to-use web panel for access management and administration.
- Met regularly with a manager and mentor to check in and receive feedback – along with the opportunity to learn from industry professionals.

PROJECTS

LabOps, RIT GCCIS SEP 2020 – MAY 2022

Actively leading the front-end side of an inventory system for all of Golisano college. Working closely with the inventory team and system administrators to produce an easy-to-use and intuitive front-end written in Angular, I plan and implement features that exceed our user's needs.

Point of Sales, Pennridge School District JAN 2020

Designed/developed a point of sales system in PHP with database and usability best practices to optimize speed and ease-of-access. Met with Pennridge High School's District Business Committee, Superintendent, and Vice Principal to pitch and sell the synchronized system.

Eagle Scout Project, BSA Troop 187 DEC 2015 – Current

Microsoft Access database for OLSH church cemetery; storing over 1,400 plots, equipped with searching, sorting, and easy data entry/retrieval – written in VBA. Actively supported with no issues.

Appeer, PA TSA State Competition APR 2019

Entered in PA Technology Student Association state competition in Software Development – placing 8th in the state. Placed 3rd in Computer Systems Troubleshooting and 8th in Coding.