

# Patrick Mehlbaum

web developer, software engineer

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<https://patrickm.xyz>

## 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

### Webmaster, BSA Troop 187

FEB 2015 – OCT 2020

- Upkeep and management of troop website and social presence.
- Developed WordPress plugins to ensure easy content sharing.
- Consulted with troop and council leaders to improve and bring more engagement to the site.

### Lab Tech. & Web Team Lead, RIT GCCIS

SEP 2020 – Current

- 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.

## PROJECTS

### LabOps, RIT GCCIS

SEP 2020 – Current

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 8<sup>th</sup> in the state. Placed 3<sup>rd</sup> in Computer Systems Troubleshooting and 8<sup>th</sup> in Coding.