# COLTON PHASS

https://github.com/coltonphass | https://www.coltonphass.com/

## EDUCATION

Harford Community College                                     Graduation - 05/2025

**Computer Information Systems AAS**

- GPA: 3.85, High Honors Graduate
- Presidents List Recipient
- Recipient of 10+ Scholarships
- Member, Phi Theta Kappa (2024 - 2025)

University of Maryland Global Campus                          10/2025 - Current

**Computer Science BS**

- Anticipated Graduation Date 10/2027

## SKILLS

| | |
|---|---|
| Website Performance Optimization | Artificial Intelligence & Machine Learning |
| Website Development | Python3, Java, JavaScript, HTML5, CSS3 |
| Git & GitHub | Linux & Windows Environments. |

## PERSONAL PROJECTS AND INTERESTS

- **Pygame** - Developed a 2D arcade-style space shooter following a YouTube tutorial; implemented collision detection, score tracking, and sprite animation. Continuing to expand on this foundation with future game projects

- **Roblox Studio** - Exploring game development using Lua scripting and Roblox Studio

- **RPG Maker** - Beginning to develop custom role-playing game projects while learning event-driven programming and story integration

- **MySQL and Databases** - Self-studying SQL and MongoDB to understand data organization, storage design, and backend integration

- **Raspberry Pi** - Configured and hosted Pi-hole for network-wide DNS ad blocking; currently hosting two Python-based Discord bots on a Raspberry Pi

- **Website Development** - Creating personal websites with HTML, CSS, and JavaScript, focusing on responsive design, performance optimization, and modern UI practices

## EXPERIENCE

Software Engineer I                                                                    11/2025 - Current
**Kreative Technologies**

- Utilizes OpenText AppWorks / Content Server software to develop and design infrastructure and administration solutions in a healthcare environment.
- Assists in planning and executing new implementations or upgrades to improve operational efficiency of DHA systems.
- Explains technical concepts and solutions to information technology personnel, management, and government personnel in an easy-to-understand manner.
- Provides technical expertise in automating, managing, and maintaining business processes.

Student Research Assistant & Student Curricular Co-Designer                            03/2025 - Current
**Harford Community College**

- Participated in the FY25 Curricular research development at Harford Community College
- Duties Involved: AI and Machine Learning Academic Research, Curricular Design (Non-credit and credit), Associated Academic Publications, Academic Supervisors Professor Mark Dencler, Professor Nick Schoeb
- Technologies Explored: ChatGPT, Gemini, Veo 3, Claude, DeepSeek and other various LLM's, Hugging Face, TensorFlow Playground, Orange Data Mining, Visual Studio, Intellij, VsCode, SQL, Google Colab, Jupyter Notebooks. Microsoft Teams, Discord.

Student Curricular Co-Designer                                                         05/2024 - 12/2024
**Harford Community College**

- Participated in curricular update process for harford community college's CIS 217 Introduction to Web Devlopmment Programming Course.
- Duties Involved: Weekly Curricular Review Meetings, Review and Assessment of (TITLE), QA Tested Material and Worked with Instructors to Deploy New Materials, Worked with various academic peers and collaborated on the construction of quizzes and take-home programming projects, Academic Supervisors Professor Mark Dencler, Professor Nick Schoeb
- Technologies Explored: HTML5, CSS3, JavaScript, React, Node.JS, Microsoft Teams, Discord, Vscode, Brackets, Zylabs.

Full Stack Developer Intern                                                            01/2024 - 04/2024
**Code Zealot Studios**

- Participated in the development of various client-facing websites.
- Duties Involved: Designed and programmed various front end web applications, made sure websites were optimized and responsive for the user, designed various portfolios and used learning material from Udemy
- Technologies Explored: HTML5, CSS3, JavaScript, SEO tools, Google Lighthouse, CodeStitch, AI assisted design and development.