Matthew Gwin

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Education:

University of Delaware   May 2024
Major: Bachelor of Science in Computer Science
Minor: Cyber Security
Major GPA: 3.436/4.000

Relevant coursework:

Data Structures, Machine Organization and Assembly Language, Algorithms, Software Engineering, Computer Networks, Computer Architecture, Operating Systems, Database Systems (Oracle), Automata Theory, Parallel Programming, Network Security, Cybersecurity, Compiler Design

Skills:

- Programming: Python, Java, C/C++, .NET Framework/C#/Razor, Assembly Language, TypeScript, JavaScript, React, CSS/HTML, SQL, PowerShell, Kotlin, R
- Software: iOS, MacOS, Windows, Linux/UNIX, Oracle, Git, Perforce, Microsoft Office Suite, Jira, Confluence, Jenkins

Experience:

Hologic Inc - Newark, DE   May 2022 – August 2023
Software Engineering Intern

- Worked in a team with other software engineer interns to develop an internal tool to aid checking developer productivity and assist with release notes
- Used C# and Windows Presentation Framework to write an application from scratch
- Learned MVC and MVVM programming interaction between frontend UI and backend code
- Scripted in PowerShell to copy log files off of testing machines
- Developed an internal website using C# Razor to kickoff automated builds and overnight software installations on testing computers
- Developed an understanding of Agile Methodology, working to meet deadlines and observing sprints

Grand View Farms LLC - Forest Hill, MD   June 2021 - August 2021

- Took care of animals, moved chickens, cattle, goats, and raised peeps
- Built fences and landscaped fields around the farm

Loyola Blakefield - Baltimore, MD
LBSCI   March 2019 - March 2020

- Taught a class on fundamentals of low-level iOS operating system components.

IT intern   June 2017 - August 2019

- Deployed software to students
- Trained students on laptop usage guidelines
- Resolved student software issues

Roseda Farms - Monkton/Baltimore, MD   June 2018 - July 2020

- Packed boxes at industrial plant
- Handled customers at farm store
- Delivered samples at Giants grocery stores across states

Activities

University of Delaware Club Swimming - Newark, DE   September 2021 – May 2023
Member

Association of Computing Machinery - Newark, DE
Member   September 2021 – Present
Treasurer   September 2023 – Present

HenHacks Hackathon at University of Delaware - Newark**,** DE   April 30th, 2023
*Participated in HenHacks 2023 - Won first place in the **Monitoring Flooding in DE** Category.*