

JOSEPH PATTERSON

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OBJECTIVE

I am a Software Engineering major looking to extend my experience through various course projects and career opportunities. During my academic time at MSU, I have had experience working as part of a team on multiple software projects, realized the importance of analysis and requirements gathering, and have been involved in various projects for my courses. I believe my current development experience can be improved upon while also serving as a foundation for great opportunities to come.

EXPERIENCE

1/7/20 - PRESENT

CO-OP, CYBERSECURITY, INGALLS SHIPBUILDING, HII

- Worked on various projects involving automated data retrieval from reports. These software tools were built using PowerShell and WinForms for UI counterparts.

8/13/17 – 12/17/19

STUDENT WORKER, DESKTOP SERVICES, ITS, MISSISSIPPI STATE UNIVERSITY

- Experience with Windows deployment/imaging and also knowledge of the campus AD
- Experience with Mac computers from both a personal and work perspective
- Responsibilities include troubleshooting general computer issues, driving a university vehicle for equipment deliveries and pickup, and miscellaneous duties for other full-time team members

5/25/17 – 8/10/17

PART TIME WORKER, MULBERRY POINT AND MULBERRY CIRCLE

- Responsibilities were keeping records of the growing animal population, grounds keeping work such as mowing and trimming, and reporting any abnormalities during routine checks of the animals and farm.

EDUCATION

MAY 2021

BACHELOR OF SCIENCE, SOFTWARE ENGINEERING, MISSISSIPPI STATE UNIVERSITY

Current GPA: 3.48

SKILLS

- Python – Moderate Experience – Used in Introduction to Programming and Intermediate Programming
- C++ – Moderate Experience – Used in Data Structures and Analysis of Algorithms
- MySQL and SQLite – Moderate Experience – Used in Database Management Systems and various course projects
- C#, PowerShell, and WinForms – Beginner Experience – Used in Intro to Software Engineering and in projects during my CO-OP at Ingalls Shipbuilding
- PIC-24 Assembly and C (Embedded) – Moderate Experience – Used extensively in Microprocessors
- PHP, HTML, CSS – Moderate Experience – Used extensively in Distributed Client Server Programming
- JavaScript – Beginner Experience – Used in Distributed Client Server Programming