Trevor Jacobs

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Rockford, MI

Career in the field of Computer Science

Motivated, hard-working college Senior working towards a Bachelors Degree in Computer Science Engineering at Michigan State University. Seeking a career to apply and grow my experience of, software development, project design and technology support. My peers have praised me as adaptable, and reliable. I would be excited to see how I can grow in your company and leave a lasting impact.

Skills

Python, C++, Java, JavaScript, SQL, ARM Assembly, C, CSS, HTML, Git, Bash

Tools Used

VS Code, Visual Studio 2022, SQL Server, PyCharm, CLion, Visual Paradigm, IntelliJ, Windows Powershell, GitHub, Codespaces, Agile Project Management, Trello, Field Service Management(FSM), Splunk, Microsoft Office Programs, MongoDB

Projects

Personal, 'Portfolio' Website Creation

- Created a portfolio website outside of normal classes to display projects, resume, and general information about myself
- Used GitHub and Codespaces to create and edit the HTML and CSS files, and Netlify to host the website

Michigan State University, 'Automatic Driving Beam' Software Project

- Worked in a group of 5, tasked to create an Adaptive Driving Beam System that automates the lighting of a vehicle's headlights
- Designed and created a Software Requirement Specification document that consisted of Use Case Diagrams, Domain Models, Sequence Diagrams, State Diagrams and a prototype
- Had the role of 'Domain Expert/Customer Liaison' on the team, specialized in domain knowledge, safety concerns, and consistenly contacted the customer to ensure all specifications were fulfilled

Michigan State University, 'Movie Creation' Software Project

- Developed a C++ program that enabled users to create .anim files using various characters and props
- Designed the program collaboratively in a team, while independently handling the code implementation
- Produced a 30-second short film featuring a generic character, the Michigan State Mascot 'Sparty', and a Michigan State Basketball

Michigan State University, 'Spartan Hero' Software Project

- Created a C++ program for a rhythm game using the Michigan State Fight song
- Collaborated with a team using GitHub for version control and code collaboration
- Conducted weekly meetings and utilized Trello for project management and application development tracking

Gordon Food Service, FSM Health Check

- Ran a health check on the FSM system to try and improve performance and health. This used programs like FSM Health Check tool and Splunk, to determine what issues the system currently has.
- Checked discrepancies between metadata and database using FSM application and SQL
- Audited all of the business rules used by the IT department to determine if any were causing slow downs or issues

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Experience

IT Internship

Gordon Food Service • Grand Rapids, MI   05/2023 - 08/2023
- IT intern for Chemical/Beverage department. Gained technical support experience while interacting multiple departments for a large food and beverage distribution company
- Received exposure to customer service and learned how to assign tasks to multiple departments efficiently.
- On call for any technical issues that our main business partner, Innoserv, may have
- Understood cross-team dependencies and how the department interacted with third-parties, such as Red Diamond, Florida's Natural, and Bob Evans

Curbside Sales Associate

Meijer • Rockford, MI   12/2020 - 04/2023
- Worked part-time while attending college classes full-time
- Promoted as a coordinator to make sure employees were staying on task.
- In charge of the pick-up department operations and ensured it ran to the highest of standards and efficiency
- Picked groceries out for paying customers and presented alternate options for unavailable items
- Delivered groceries to customers at curbside
- Maintained a great attendance record

Education

Michigan State University BS Computer Science

Michigan State University • East Lansing, Michigan   04/2025
- Achieved Dean's List honors
- Prominent courses completed: Algorithms and Data Structure, Object-Oriented Software Design, Software Engineering, Web Design and Development
- Prominent courses currently taking: Collaborative Design (Senior Capstone), Advance Web Dev and Databases, Mobile App Development

GRCC Computer Science

Grand Rapids Community College • Grand Rapids, MI   04/2022
- Achieved Dean's List honors
- Prominent coursework: Computer Science 1 and 2 (Programmed in Python and Java in both courses)
- Received the Theodora Quick Scholarship in the Winter 2022 semester for excelling in Calculus

Michigan State University Leadership

Michigan State University • East Lansing, MI
- Accepted into the 300 member Spartan Marching Band, within a year promoted to squad leader, within two years promoted to section leader of the 60 member trumpet section
- Ensuring the section will be prepared for every situation that arises during the season, and has all necessary documents and music for each show
- Carrying out all instructions from the directors to the section
- Making sure the section is on time with all rehearsals and performances, and reporting any attendance matters
- Awarded the Walter Adams Memorial Endowed Scholarship for leadership recognition and dedication to excellence