Shane Malamut

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EDUCATION

James Madison University, Harrisonburg, VA   Expected May 2026
Bachelor of Science in **Computer Science**, *Minor in* **Entrepreneurship**
Major GPA: 4.0 | **GPA:** 3.8

Computer Science Completed Coursework: Advanced Programming, Discrete Structures, Data Structures and Algorithms, Software Engineering, Computer Systems, Application Development, Developing Multimedia
Related Skills: C, C++, Java, Javascript, Python, HTML/CSS, Node.js, JUnit, PHP, SQL, Git, Linux

Business Completed Coursework: Business Decision Making in a Modern Society, Business Fundamentals for Entrepreneurs, CIS Fundamentals for Non-Business Majors, Management of Innovation and Technology
Related Skills: Financial Reporting, Data Analysis, Microsoft Office

EXPERIENCE

Ellucian Reimagined Internship, Reston, VA   January 2024 – August 2024
Product Manager
- Selected to lead a cohort of ten students, including four developers and two designers, to solve a complex problem focused on higher education: How can institutions better determine the effectiveness of their educational programs?
- Guided by Ellucian employees and JMU instructors through the solution-finding process, from ideation to the creation of a software prototype.
- Responsible for setting the product vision, defining the initial business case, producing a pitch deck to achieve funding and approval, and writing feature requirements for a minimum viable product.
- Presenting the prototype solution at X-Labs' annual Innovation Summit, to leaders from JMU and industries.
- Collaborating with a team of full-time employees from Ellucian, a company that develops innovative solutions to problems faced by institutions in higher education, to develop a fully featured product by the end of August.

Entrepreneurship Startup Competition   October 2023 – December 2023
Finance Officer
- Managed finances for an Entrepreneurship Minor group project in which four students received a $1,000 seed fund, and were required to design and sell official JMU merchandise.
- Kept detailed record of assets, liabilities, income and expenses for all manufacturing, sales, distribution, and fees.
- Regularly assessed revenue versus expenses, estimated the potential profit and risk of changing the sale price.
- Generated $1,987 in revenue over a three-week period, donated directly to local Nonprofit *On The Road Collaborative*.
- Awarded $1,000 scholarship for third place win in competition.

PROJECTS

Recipe Manager Desktop App "KILowBites"   March 2023 – May 2023
- Produced a Java Application in a Software Engineering course team project using Java Swing.
- Utilized Scrum across 3 sprints, implementing story-based tasks that were assigned by a product owner.
- Developed skills in task negotiation, team communication, and feature prioritization.

Maze Drawing Web App "Fone Fog"   November 2023
- Created a Javascript-based web application for drawing and editing grid mazes in a visual interface.
- Implemented with dynamically adjusted table size, click-and-drag filling and erasing, saving of mazes to browser local storage, automatic loading of saved mazes, and exporting of mazes to .txt files for download.

EXTRACURRICULAR

Member, Cyber Defense Club, James Madison University   April 2023 – Present
Member, DukeDevs Video Game Development Club, James Madison University   November 2023 – Present
Member, Unix Users Club, James Madison University   January 2024 – Present