Jad Yazbeck

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Objective

Recent Computer Science graduate with a strong foundation in software development, data structures, and algorithms. Eager to apply academic knowledge and problem-solving skills in a dynamic and collaborative work environment. Seeking a software engineering position to contribute to innovative projects, enhance technical expertise, and grow within the field of technology.

Education

University of Michigan

B.S. Computer Science, Minor in Creative Writing (GPA 3.55) **August 2020 – May 2024**
Ann Arbor, MI

- **Relevant Coursework:** Elementary Programming Concepts, Programming and Intro to Data Structures, Discrete Math, Probability and Statistics, Upper-Level Data Structures, Intro to Computer Organization, Intro to Cryptography, Foundations of Computer Science, UI Design, Database Management, Mobile App Development, and Web Systems
- **Notable Projects:**
  - Developed a social media network featuring HTML templating, Javascript interactivity, Python interactivity, and implementation of TCP and UDP protocols (Python, Flask, React)
  - Engineered a search engine incorporating custom APIs, page ranking algorithms, a map-reduce pipeline, and a user-friendly frontend interface (Python, Flask, React)
  - Developed an application enabling SQL query embedding within C++ code
  - Implemented a pathfinding algorithm leveraging TSP, BFS, and DFS algorithms to optimize route planning and navigation (C++)
  - Created a mobile application specifically designed to aid authors in structuring and organizing story plots effectively (Flutter, SQLite)

Skills

Languages: C++, Python, JavaScript, SQL, HTML, CSS, Java, C#, C
Frameworks: React, Node.js, Flutter, Flask
Technologies: AWS, AWS Lambda, Terraform
Other: Github, Test Automation, Agile Workflow, great verbal and written communication skills, time management, collaboration skills, analytical skills, attention to detail

Experience

Front Desk Attendant **January 2022 – Present**
University of Michigan *Ann Arbor, MI*

Founding Manager and Title Director **August 2023 – May 2024**
Umich Esports *Ann Arbor, MI*

- Led and coordinated 3 competitive teams
- Organized and participated in intercollegiate competitions
- Maintained strong relationships with university leadership, ensuring effective communication and collaboration

Software Engineering Intern **May 2023 – August 2023**
Slalom Consulting *Detroit, MI*

- Collaborated with team members and clients to comprehend project requirements and specifications thoroughly
- Supported the design and development phases of software project for clients, working closely with senior engineers
- Demonstrated proficiency in writing clean, efficient, and well-documented code (Java, Terraform)
- Played a key role in implementing an authorizer Lambda for AWS using Terraform, ensuring secure access management
- Assisted in the creation and deployment of a RabbitMQ forwarder using Terraform, optimizing message queuing
- Identified and resolved software issues promptly through effective debugging techniques
- Successfully presented the developed solutions to clients during the final internship demo session

IT Intern **May 2022 – August 2022**
Ghafari Associates, Dearborn *Dearborn, MI*

- Assisted in software maintenance, hardware configuration, technology organization and data entry
- Help Desk duties and assistance, including computer repair and server backups