IBRAHIM MOHAMMED ALDARRAJI

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EDUCATION:

Northern Virginia Community College, Manassas, Virginia   **August 2021 – June 2023**
- *Computer Science, BS*   **GPA: 3.8**
- Related Coursework: Pre-Calculus 1, Pre-Calculus 2, Calculus 1

George mason University, Fairfax, Virginia   **August 2023 – Present**
- *Computer Science, BS*   **GPA: 3.8**
- *Related coursework: Calculus 2, CS 112 intro to Programming, Discrete mathematic, CS 211: object-oriented Programming, SWE 205: software usability/ design*

EMPLOYMENT:

Krasnow institute for Advanced studies, Fairfax, VA   **October 2023 – Present**
Software development intern
- Collaborated with leading experts in cognitive psychology and neuroscience to create cutting-edge software solutions.
- Contributed to groundbreaking research efforts focused on enhancing our understanding of mind, brain, and intelligence.
- Played a pivotal role in driving innovation by developing code that bridged the gap between these two fields.
- Gained valuable experience working at the intersection of technology and cognitive science.
- Demonstrated a strong commitment to advancing knowledge and pushing the boundaries of scientific exploration.

All in One Auto Group, Chantilly, VA   **April 2021 – August 2023**
Service Advisor
- Overseeing and managing the service center's scheduling and workflow.
- Consulting with technicians about needed repairs and alternatives that can be offered in place of expensive repairs.
- Maintaining positive customer relationships to ensure repeat business.
- Ensuring all details on services rendered and costs are related to customers and processing their payment.
- Liaising with service technicians about parts ordering and ensuring parts are available when needed.

Projects:
- **SpeedBrief: Quick Auto** *News***:** In this project, I developed a web platform from scratch to aggregate and display the latest news in the automotive industry. The heart of the platform's functionality lies in its integration with external APIs, allowing it to fetch and display real-time automotive news, demonstrating my skills in API integration and data management. I employed HTML, CSS, and JavaScript to create a responsive and user-friendly interface, ensuring accessibility across various devices and screen sizes. Noteworthy features include dynamic content loading, which refreshes news articles without manual intervention, and a seamless navigation experience facilitated by a custom-built page flipper. This project exemplifies my proficiency in front-end development, API usage, and the ability to deliver comprehensive digital solutions as a software engineer.

- **MemoryForge: Collaborative Memory Assembly Tool for Krasnow Internship:** As a vital member of the MemoryForge development team for the Krasnow internship, I actively contributed to the creation of an efficient memory assembly tool, leveraging advanced data structures and collaborative software development practices. Working under the guidance of a project manager, our team prioritized the design and implementation of a user-

friendly platform tailored for memory assembly tasks. My role involved utilizing sophisticated data structures to optimize memory management algorithms, facilitating seamless memory allocation and organization. Additionally, I participated in design discussions, implemented frontend and backend features, and collaborated closely with team members to ensure the tool's reliability and performance. This project provided invaluable experience in applying data structure concepts within a real-world software development context, while contributing to the advancement of memory assembly technology for the Krasnow internship program.

SKILLS AND TECHNOLOGIES:

- **Interpersonal Skills**: Strong capability to form and nurture professional relationships; consistently exhibit socially and professionally appropriate behavior.
- **Programming Languages**: Proficient in Octave, Python, Java, JavaScript, C, CSS, and HTML, APIs.
- **Operating Systems**: Linux, Windows, macOS.
- **Web Design & Development:** Proficient in crafting web pages using HTML and enriching user interactions through JavaScript. Comprehensive understanding of responsive web design principles. Experience in enhancing websites with dynamic functionalities and client-side scripting using JavaScript. Knowledgeable in implementing and integrating third-party APIs to enrich web applications with additional features and data.
- **Microsoft Office Suite:** Advanced proficiency in Excel, Word, PowerPoint, Outlook, and Teams.
- Problem Solving: Skilled in algorithms and employing systematic methods for troubleshooting and resolution.
- **Customer Relations:** Demonstrated experience in fostering positive customer relationships, ensuring repeat business, and effectively handling client queries.