Abdorruhman Abdelwahed

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Summary of Skills

- Professional proficiency in programming Python to develop complex mathematical programs
- Professional proficiency in programming using HTML and CSS to develop deep, responsive, websites and programs
- Professional proficiency in programming Javascript, ReactJS, and Firebase
- Professional proficiency in programming Java
- Professional customer service skills
- Respectful and professional team player
- Detail oriented with enthusiastic positive attitude
- Accountable problem-solver with creative out-of-the-box thinking
- Good planner with effective organization skills
- Professional verbal and written communication skills
- Work well independently and in a team environment
- Eager and quick learner with willingness to explore new frontiers
- Proficiency using Adobe Photoshop and Adobe Animate
- Proficiency in Microsoft Office Suites

Education

University of South Carolina - Columbia *Aug. 2023 - Current*
College of Engineering and Computing
Computer Science

Frontend Engineering *Aug. 2022 - March 2023*
Frontend Simplified
Project-oriented front-end engineering course and internship, teaching sophisticated levels of HTML, CSS, JavaScript, ReactJS, and Firebase

High School Diploma *Sep. 2021 - Jun. 2022*
Chapin High School
Graduated high school in 2 years instead of 4 years at 16 years old with a weighted 4.7 GPA

Experience

Andrew Gross' Lab at Horizon I Research Center *Oct. 2023 - Current*
- Highest level of programming experience on a NASA accredited research team while being a freshman
- Leading the programming needs for assigned projects and actively taking charge of development issue
- Enabled progression of project with my programming skills after years of stand-still progression
- The go-to person for computer science related issues in Mechanical/Aerospace programming

UofSC Medical School Machine Learning for Mice Models *Nov. 2023 - Current*
- Development of AI using Python to utilize machine learning for improving the efficiency of mice cross section imaging analysis, transforming the process to be automatic

Next Future Factories at McNair Aerospace Research Center
- Research assistance role to start, partnering with Aerospace conglomerates such as Boeing, Lockheed Martin, and Siemens

Chick-Fil-A Front of House Team Member   *Feb. 2023 - Current*
- Perform opening and closing duties
- Taking orders and making accurate changes promptly as needed
- Preparing food orders
- Perform regular cleaning and sanitation duties
- Cross-training and working in all of the stations

Projects

Personal Portfolio
- Demonstrate great practices in HTML, CSS, and JavaScript
- Use of intuitive Block-Element-Modifier naming technique in all elements
- Shows understanding of intuitive and beautiful design layouts
- Use of a theme-toggle program to change the aesthetic of the website
- Use of an intuitive modal to allow potential employers to inform themselves as well as contact me
- Use of EmailJS through JavaScript to reliably and easily send messages to my email
- Use of clever hover and click effects on many elements implemented through reusable CSS
- Implements clean animations to make transitions as smooth as possible
- Use of original visual assets (such as website logo)
- Demonstrates original website features with language toggling functions and name pronunciation
- General responsiveness to all screen sizes

M2 Concepts
- Demonstrate renewal of old M2 Concepts website, owned by ex-NFL player Ray Mickens
- Complete redesign of UI to reflect company goals and specialties
- Stunning original graphics and animations built from the ground up
- Use of an intuitive messaging system to allow potential business partners to contact M2 Concepts
- Use of an intuitive online application system to allow potential employees to contact M2 with their credentials and personal information.
- Use of clever hover and click effects on many elements implemented through reusable CSS
- Implement clean animations to make transitions as smooth as possible
- Use of original visual assets (such as website logo)
- General responsiveness to all screen sizes

Alexandria Library Mockup
- Demonstrates great practices in HTML, CSS, and JavaScript
- Use of intuitive Block-Element-Modifier naming technique in all elements
- Show understanding of intuitive and beautiful design layouts
- Demonstrates effective design for a professional establishment
- Implements catalog of books
- Implements payment system