Jeffrey Moulckers

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Education

University of Texas at Austin
College of Natural Sciences
B.S. Computer Science, CS
Minors in Spanish and Business
3.74 GPA, Graduating May 2022

Coursework:
- CS 429, Computer Organization & Architecture
- CS 314, Data Structures
- CS 311, Discrete Mathematics
- CS 312, Introduction to Programming

Projects

Ally Web App   January - May 2019
Campus accessibility app built on MERN. Helps lesser-abled individuals request and access volunteer services for certain tasks.

Quote Database   May 2018
Explored data structures and GUI functionality in the JavaFX toolkit to create an interactive database for historical quotes.

Skills

Languages: Java, JavaScript, JSX, JSTL, HTML/CSS, PHP, Python

Other: React, MongoDB, Node.js, Bootstrap, Gatsby, AWS, Git, Unix/Linux

Non-Technical: Fluent in Spanish (8 years)

Awards & Recognitions

Eagle Scout   August 2018 - Present
Boy Scouts of America
Achieved excellence in leadership with over 1,000 hours of community service, including a $3,000 capstone service project at a local high school.

IBM Watson Scholarship Recipient   Present
Selected by the Thomas J. Watson Memorial Foundation for their merit-based scholarship.

NESA Scholarship Recipient   Present
Selected by the Boy Scouts of America as one of four recipients of the NESA Academic Merit Scholarship for Eagle Scouts.

Work Experience

Venue Valet, L.L.C.   June 2019 - Present
Software Developer/Full Stack Developer Intern
Integrated operational tools into a movie theater management system, connecting points of sale, third-party clients, and customers on an interactive platform.

Private Tutor   August 2015 - Present
Austin, TX
Instruct multiple high school and college students in enhancing knowledge with STEM and language-based subjects, including Calculus, Physics, and Spanish.

Involvement & Leadership

Hispanic Association of Computer Scientists   Present
Professional Development Officer
Engage Hispanic students in leadership, mentoring, and networking in the field of computer science. Guide members to achieve professional goals, gain industry connections, and prepare for internships.

Code Orange UT   January – May 2019
Engaged in mentorship and technical education outreach in underserved communities in East Austin. Encouraged and educated disadvantaged children in gaining an appreciation for technical opportunities.

HackTX   October 2018
Explored workshops and side events to gain understanding and interest. Collaborated with other developers to explore developmental processes and discover new technology.

Texas Convergent   January – May 2019
Participated in a semester-long project combining skills of computer science and business students to create a solution to real-world problems. Worked as a developer on a medium-sized team of individuals to create an accessibility web app, "Ally".

Mobile App Development (MAD)   January – May 2019
Explored app development for Android, iOS, and web platforms through small personal projects.

Association for Computing Machinery (ACM)   Present
Advance computer science studies and research and assist others in pursuing career goals in computer science.