Travis Dula

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Education

The University of Texas at Dallas   Richardson, TX
Bachelor of Science in Computer Science   Aug. 2020 - May 2023

- GPA: 3.63
- Honors programs: National Merit Scholars, Collegium V, CS^2
- Relevant coursework: Discrete Math 2, Computer Architecture, Data Structures & Algorithms, Probability & Statistics

Skills

Languages & Frameworks Python, C++, Java, HTML, TailwindCSS, TypeScript, ReactJS
Tools Git, GitHub, Vim, Linux

Projects

BetterMDb   Competitive Summit Entry
TypeScript, ReactJS, TailwindCSS   June 2021

- Developed for the highly selective Capital One Software Engineering Summit achieving acceptance into the program
- Architected a mobile-friendly Open Movie Database search engine using ReactJS and TailwindCSS

Comparison of Online Portfolio Selection Algorithms   ACM Research
Python, Matplotlib, NumPy   Feb. 2021 - May 2021

- Worked with three other students and a mentor under the guidance of a faculty advisor
- Analyzed and implemented nine portfolio selection algorithms
- Presented our research before our peers and a faculty panel

RTSC ERCOT Tracker   Personal Project
Python, Requests, Matplotlib, Beautiful Soup   Feb. 2021

- Developed a tracker and visualizer for ERCOT data during power grid instability in Texas
- Handled errors to make the program reliable even over unstable internet
- Graphed supply, demand, and their difference for the power grid

Extracurricular Activity

Community Bible Chapel AV Team   Richardson, TX
Operator of all systems   2016 - Present

- Display song lyrics, mix audio, and stream services for a church of 270 members
- Troubleshoot issues with audio buzz, poor sound quality, and livestream instability
- Teach others how to work in all three AV booth roles

Work Experience

El Norte Mexican Grill   Plano, TX
Waiter   Jun. 2018 - Present

- Worked previously in the roles of host, expediter, and busser
- Trained other hosts, bussers, and expediters
- Serve over 30 customers in an evening regularly

Honors & Awards

2021 **Capital One SES**, accepted into Capital One's competitive Software Engineering Summit
2021 **ACM Research**, admitted into the Research division with a 15% acceptance rate
2020 **Computing Scholar**, one of the 30 students admitted to CS^2 annually
2019 **National Merit Scholar**, one of the 7,600 students nationally to receive this award in 2019