Travis Dula

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Education

The University of Texas at Dallas — Richardson, TX
B.S. in Computer Science, Minor in Economics — Aug. 2020 - May 2023

- Honors programs: National Merit Scholars, Collegium V, CS^2
- Relevant coursework: UNIX, Advanced Algorithms, AI, Databases, Software Engineering, Probability & Statistics, Automata Theory, Digital Logic

Skills

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

Work Experience

Capital One — Plano, TX
Incoming Technology Intern — Summer 2022

El Norte Mexican Grill — Plano, TX
Waiter — Jun. 2018 - Sept. 2021

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

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 — Richardson, TX
Audiovisual Assistant Director — 2016 - Present

- Served on an Audio and Visual (AV) team of three people as an acting director to preform weekly set up and services
- Teach others how to operate audio controls, manage visual displays, and run the livestream for an audience of 260+ people
- Troubleshoot issues with audio buzz, poor sound quality, and livestream instability

Honors & Awards

2021	**EOG Resources Winner**, designed an allocation optimization algorithm and web app with a team of four	*HackUTD*
2021	**Summiteer**, accepted into Capital One's competitive Software Engineering Summit	*Capital One*
2020	**Computing Scholar**, one of the 30 students admitted to CS^2 annually	*UT Dallas*