Travis Dula

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Education

The University of Texas at Dallas — Richardson, TX
Bachelor of Science in Computer Science and Economics — August 2020 - May 2024

- GPA: 3.63
- Honors programs: National Merit Scholars, Collegium V, CS^2
- Relevant coursework: Probability & Statistics, Computer Networks, Advanced Operating Systems, UNIX, Advanced Algorithms, Artificial Intelligence, Machine Learning, Databases, Software Engineering, Automata Theory, Digital Logic

Skills

Frameworks & Tools	Tailwind CSS, ReactJS, AWS, Git, GitHub, Linux, Jenkins, Kafka
Languages	Python, C, C++, Java, HTML, JavaScript, TypeScript, Racket

Experience

Capital One — Plano, TX
Software Engineering Intern — June 2022 - August 2022

- Worked with three other interns to create full-stack application to allow entry of modernization metrics
- Created AWS Lambda in Python to fetch metrics from REST API and produce metrics to Apache Kafka stream
- Configured Jenkins pipeline with in-house tool to automate testing, code quality checks, and deployment

Projects

EOGorgeous — HackUTD
TypeScript, ReactJS, Tailwind CSS

- Competed in HackUTD and designed an allocation optimization algorithm and web app with a team of four
- Won EOG Resources company challenge

BetterMDb — Competitive Summit Entry
TypeScript, ReactJS, Tailwind CSS

- Architected mobile-friendly Open Movie Database search engine using ReactJS and Tailwind CSS
- Achieved acceptance into Capital One Software Engineering Summit

Comparison of Online Portfolio Selection Algorithms — ACM Research
Python, Matplotlib, NumPy

- Participated in Association for Computing Machinery (ACM) Research
- Worked with three other students and mentor under guidance of faculty advisor
- Implemented nine portfolio selection algorithms and then presented our research before our peers and faculty panel

RTSC ERCOT Tracker — Personal Project
Python, Requests, Matplotlib, Beautiful Soup

- Developed 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

Extracurriculars

Community Bible Chapel — Richardson, TX
Audiovisual Assistant Director — 2016 - Present

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