

Travis Dula

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Education

The University of Texas at Dallas

B.S. in Computer Science, B.S. in Economics

Richardson, TX

August 2020 - May 2024

- GPA: 3.769/4.000
- Honors programs: National Merit Scholars, Collegium V, CS²
- CS Electives: AI, ML, Distributed Systems, Computer Networks, Advanced Programming Languages

Skills

Frameworks & Tools Tailwind CSS, ReactJS, AWS, Git, GitHub, Linux, Jenkins, Kafka, Spring Boot, Postman

Languages Python, C, C++, Java, HTML, JavaScript, TypeScript, Racket, SQL, OCaml, Coq, R, Stata, Prolog

Experience

Capital One

Software Engineering Intern

Plano, TX

June 2023 - August 2023

- Built Java Spring Boot REST orchestration layer for call center receiving 50,000+ calls/day
- Consolidated 2 outdated SOAP services to ease maintenance burden and guide future integration efforts
- Created automated tooling to parse XML and Java in 26 SOAP repositories in order to generate modern Java

Software Engineering Intern

June 2022 - August 2022

- Worked with 3 other interns to create full-stack application to allow entry of 6 tech modernization metrics
- Led creating AWS Lambda in Python to fetch metrics from REST API and produce metrics to Apache Kafka stream

Projects

EOGorgeous

TypeScript, ReactJS, Tailwind CSS

HackUTD

- Competed in HackUTD and designed allocation optimization algorithm and web app in team of 4
- Won EOG Resources company challenge

BetterMDb

TypeScript, ReactJS, Tailwind CSS

Competitive Summit Entry

- 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

Python, Matplotlib, NumPy

ACM Research

- Worked with 3 other students and mentor under guidance of faculty advisor
- Implemented 9 portfolio selection algorithms and then presented our research before our peers and faculty panel

RTSC ERCOT Tracker

Python, Requests, Matplotlib, Beautiful Soup

Personal Project

- Developed tracker and visualizer for ERCOT data during power grid instability in Texas
- Graphed supply, demand, and their difference for power grid across 260+ datapoints

Extracurriculars

Community Bible Chapel

Audiovisual Assistant Director

Richardson, TX

2016 - Present

Fellowship of Christian University Students

Student Group Leader

Richardson, TX

August 2023 - May 2024