

# Travis Dula

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## Education

### The University of Texas at Dallas

B.S. in Computer Science, Minor in Economics

Richardson, TX  
Aug. 2020 - May 2023

- Honors programs: National Merit Scholars, Collegium V, CS<sup>2</sup>
- Relevant coursework: Software Engineering, UNIX, Advanced Algorithms, Probability & Statistics

## Skills

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

## Work Experience

### Capital One

Incoming Technology Intern

Plano, TX  
Summer 2022

### El Norte Mexican Grill

Waiter

Plano, TX  
Jun. 2018 - Sept. 2021

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

## Projects

### BetterMDb

TypeScript, ReactJS, TailwindCSS

Competitive Summit Entry  
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

Python, Matplotlib, NumPy

ACM Research  
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

Python, Requests, Matplotlib, Beautiful Soup

Personal Project  
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

Audiovisual Assistant Director

Richardson, TX  
2016 - Present

- Served on an Audio and Visual (AV) team of three people as an acting director to perform 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
- 2021 **Summiteer**, accepted into Capital One's competitive Software Engineering Summit
- 2020 **Computing Scholar**, one of the 30 students admitted to CS<sup>2</sup> annually

HackUTD  
Capital One  
UT Dallas