THADDEUS DAI

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Mechanical Engineering Honors Minors: Computer Science, Business Overall GPA: 3.892	May 2022
Relevant Coursework	Elements of Computers/Programming, Differential Equations with Linear Algebra, Program & Engineering Computational Methods, Elements of Software Design, Thermodynamics, Solids, Dynamics	

WORK EXPERIENCE

Quality Lifecycle Engineering Intern, Hewlett-Packard Enterprise   Summer 2020 – Present
- Conducted over 300 technical case reviews with a group of hardware engineers and a quality program manager
- Provided feedback to case owners and coordinated action items across multiple teams to find the root cause and solution to product issues and failure trends
- Gathered customer focused data and presented updates to upper management and neighboring teams in monthly meetings and weekly executive reviews
- Adjusted SQL queries and pulled data from the company's database using Microsoft SQL Server Management Studio

DoorDash Driver   Winter 2019
- Treated customer's food with care and engaged in friendly interactions upon delivery to enhance the customer's delivery experience which resulted in a high customer rating of 4.8/5.0

PROJECTS

Covid-19 Blogs   Summer 2020
- Integrated a REST API and a dynamic, user friendly frontend to build a web application that allows authenticated users to read, write, and search for blogs relating to Covid-19.
- Tools: Python Django, React.js, Webpack, Bootstrap

Task Planner   Summer 2020
- Created a web application that allows authenticated users to record tasks they need to do and visualize the number of tasks they have done per days for the past month through a graphical representation
- Tools: Python Django, Bootstrap, matplotlib

LEADERSHIP EXPERIENCE AND ACTIVITIES

Texas Aerial Robotics – *Hardware Team*   Spring 2019 – Present
- Designed sonar mounts using 3D design software, SolidWorks, and added the assemblies to the total 3D design.
- Soldered electrical components together, such as motors wires to the ESC (Electronic Speed Controller), to allow flexibility in the design of the team's drone

Longhorn Entrepreneurship Agency – *Logistic Team*   Fall 2019 – Present
- Helped connect students to Austin's startup scene by facilitating employment opportunities through posting entrepreneurship events on social media and promoting the Longhorn Investment Competition

Lambda Chi Alpha Fraternity – *Alumni Committee*   Fall 2018 – Present
- Further connected the fraternity to its alumni network by contacting alumni to attend particular events and reunions

HONORS

- Cockrell School of Engineering Honors Scholarship (4 Semesters)   Fall 2018 – Fall 2019
- University Honors (4 semesters)   Fall 2018 – Fall 2019

ADDITIONAL INFORMATION

Computer Skills: Python, Javascript, SolidWorks, Matlab, Microsoft Excel, Word, PowerPoint,
Languages: English (Native Language), Mandarin (Fluent in speech)
Interests: Karaoke, Weightlifting, Chess, Sports, Juggling
Work Eligibility: Eligible to work in the U.S. with no restrictions