

Stephen Smith

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EDUCATION

Bachelor of Science, Architectural Engineering, 05/2025

The University of Texas at Austin

Overall GPA: 3.4

Relevant Coursework: Structural Analysis, Computer Methods, Design, Prob. and Statistics, Material Behavior

WORK EXPERIENCE

Electrical Design Intern, DBR Inc, 05/2022 – 08/2023

- Designed electrical systems ranging from K-12 education, office spaces, historical renovations, hospitals
- Continually ensured design exceeded code expectations
- Facilitated coordination between architects, city jurisdictions, and contractors

Technical SWE Intern, Quantum Computing, Inc, 07/2021 – 08/2022

- Conducted research comparing performance differences between classical and binary optimizations
- Created graphics with Python for both business and technical interpretations of logistical solutions
- Constructed a database to catalog all company research for future project reference
- Wrote coursework problems introducing binary optimization techniques to college students

ACTIVITIES

Student Design Chair, 05/2023 – Present

- Establishing Solar Decathlon and TimberStrong teams for students at the University of Texas
- Designing a Zero-Energy affordable housing project with real world cost constraints
- Managing a team of approximately 20 undergraduate engineers

Treasurer, Architectural Engineering Institute, 08/2022-05/2023

- Managed in- and out-bound fund transfers between corporate partners and the University of Texas
- Oversaw financial management regarding socials and general meetings
- Coordinated spending for multi-organization end of year boat party

SKILLS

Programming: Python, MySQL, HTML, CSS

CAD: SolidWorks, Revit, Rhino, AutoCAD MEP

Other Software: Github/lab, Amazon Quicksight, COMCheck

Hobbies

Woodworking: Lathe, Spindle Work, Finishing

Board Games: Everdelle, Scythe, Catan