

William Zhu

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OBJECTIVE

To secure an internship that provides hands-on experience, offering opportunities to apply and expand my knowledge in ways not available in the classroom or online, furthering my education and professional growth.

EDUCATION

University of South Florida

BS in Chemical Engineering (GPA: 3.44)

Tampa, FL

Expected May 2026

- **Coursework:** Thermodynamics 1, Numerical Methods, Modeling Analysis
- **Future Coursework:** Solar Engineering, Design of Solar Power Plants, Process Dynamics and Control, Kinetics and Reactions, Transport Phenomena 1&2

SKILLS

Programs/Languages: MATLAB, Aspen, Excel, Word, PowerPoint, Microsoft Office, HTML, CSS

Skills: Data Visualization, Data Analysis, Data Management, Customer Service, Mandarin Translation

PROJECTS

ECH 4846: Numerical Methods Process Project – *Aspen, Excel, PowerPoint, OBS Studio*

2024

- Collaborating in a 3-person team to create a Process involving ASPEN and Excel to showcase and demonstrate our mastery of engineering processes from a mathematical viewpoint.
- Utilized Aspen to conduct an in-depth industry-level analysis of Zinc Chloride production, compiling data and expenses in Excel to support comprehensive cost analysis.
- Compiled critical information into a PowerPoint presentation, leveraging Microsoft Teams and OBS Studio to deliver a detailed explanation of cost analysis findings.

EGN 3000L: Foundations of Engineering Robot – *Tinker CAD, Word, PowerPoint*

2023

- Collaborated in a randomly selected 4-person team with a limited budget to design and develop a robot, prioritizing detailed manufacturing processes, design specifications, and a profit analysis for potential production.
- Served as the product lead, overseeing and modifying prototypes, organizing team meetings, and creating PowerPoint presentations detailing overview, cover, and entrepreneurship slides.

Portfolio Website – *HTML, CSS*

2024

- Constructed a portfolio website using HTML and CSS to serve as a central hub for completed projects, contact information, and a personal overview.

EXPERIENCE

Chinese Acupuncture and Herbal Medicine – Front Desk Receptionist

September 2023 – Present

- Utilized Excel to compile and organize essential data for business operations, increasing efficiency through effective data management.
- Managed customer relationships and scheduling through internal software (United Practice).
- Maintained and updated customer records, ensuring accurate and up-to-date client information.

CERTIFICATIONS

Certifications: Excel, HTML, CSS, PowerPoint, Word, Outlook