

Ethan Helfman

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EDUCATION

Bachelor of Science, Chemical Engineering, Spring 2023

Bachelor of Arts, Plan II, Spring 2023

The University of Texas at Austin

Relevant Coursework: Sequences, Series, and Multivariable Calculus, Introduction to Chemical Engineering Computing, Differential and Integral Calculus, Engineering Physics I, Introduction to Chemical Practice, Engineering Physics II

Spring 2020: Organic Chemistry I, Differential Equations with Linear Algebra, Introduction to Chemical Engineering Analysis

WORK EXPERIENCE

Summer Intern, Engineering Systems, Inc., 07/2018 – 08/2018, 06/2019 – 08/2019

- Created OCR system to digitize documents from 1992 - Present
- Assisted in inspections for clients – measurements, sign-in, documentation, etc.
- Created Office macros, organizational systems, etc. to increase office efficiency

Volunteer, BigThought, 06/2016 – Present

- Built Mobile Learning Lab for children's STEM education
- Helped design curriculum and further efforts
- Fundraised for continued funding for program

Summer Intern, Colin Allred for Congress, 06/2018 – 08/2018

- Performed donor research for campaign
- Conversated with constituents through canvassing and phone banking
- Retrieved precinct shapes for GIS work and voter targeting

Exhibits Intern, Perot Museum of Nature and Science, 08/2015 – 09/2017

- Fixed and built exhibits throughout museum
- Created system for logging broken exhibits and lighting
- Assisted visitors

SKILLS

Familiar with Python and Java

Can work with R, Javascript, CSS, HTML

Years of experience in customer-facing positions; intrapersonal skills

Familiar with QGIS

ACCOMPLISHMENTS

Active Member, American Institute of Chemical Engineers (AIChE)

Recipient, Virginia & Ernest Cockrell, Jr. Scholarship in Engineering

Recipient, UT Austin Presidential Scholarship

Captain, Editor-in-Chief, School of Science and Engineering Robotics Team - ironreignrobotics.org/author/ethan

Captain, School of Science and Engineering UIL Current Events Team