

Jacob Daddario

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2924 Oak Tree Dr.
Plano, Texas 75025

Education

Texas A&M University. College Station, Texas
Bachelor of Science in Chemical Engineering. May 2020
Cumulative GPA: 3.81

Work Experience

Dr. Yossef Elabd Research Group. Texas A&M University
Undergraduate Lab Assistant. May 2018 – Present

- Collaborated with a visiting student to produce data on different configurations of solid-state batteries
- Developed proficiency with data visualization software
- Fit data to standard two-factor and three-factor ionic conductivity models

Activities

Student Engineer's Council (SEC). Texas A&M University
Spark Society Competitions Coordinator. Apr 2018 – Present

- Developed a formal competition approval process with the Spark chairs
- Organized and maintained a notebook of processed society competitions
- Established and maintained contact with a number of professional societies

Member. Feb 2017 – Present

- Selected for membership through an interview and application process
- Developed new functionality and documentation for Ruby on Rails websites
- Top 10 in member participation Spring 2018

Projects

Personal Website. Personal Project
Individual Project. May 2018 – Present

- Documented research, site maps, and site structure in an engineering notebook
- Optimized the content and the design of the site for prospective recruiters
- Developed the site as an extendable and test-driven Ruby on Rails application

SEC Registration Hub Website Update. Texas A&M University
Ruby on Rails Developer. Feb 2018 – Present

- Optimized the user experience by fixing long-standing bugs and adding functionality to form generation infrastructure
- Iteratively configured an optimal development environment over the course of 1 year
- Developed a comprehensive testing suite to ensure site integrity

SEC Career Fair Website Development Wiki. Texas A&M University
Ruby on Rails Developer. Aug 2017 – Present

- Documented problems that arose while setting up a development version of the career fair website
- Drafted and designed a wiki to supplement the readme file provided with the site
- Developed a clear set of instructions to set up a local database

SEC PI K 5K Website Update. Texas A&M University
Technology Coordinator. Dec 2017 – Mar 2018

- Updated the site's graphic design
- Developed a new photo gallery section of the site
- Optimized and cleaned code structure

Skills

Programming: Python, MATLAB, LabVIEW
Web Development: HTML, CSS, JavaScript, Ruby on Rails, PostgreSQL
Miscellaneous: Excel, Prism, database management, technical communication, Linux