

## **MEC Fuels & Chemicals**

Houston, TX, USA

[www.mecfuelchem.com](http://www.mecfuelchem.com)

Phone: 1-713- 344-0652

### **Chemical Engineering Internship (Part-time)**

#### **Title**

Chemical Engineering Intern (Part-time)

#### **Company Description**

The mission of MEC Fuels & Chemicals (“MEC”) is to provide cleaner products by leveraging chemistry and engineering technologies. MEC is a small business based in Houston, TX. MEC specializes in making custom reactors, lab equipment, and catalysts/adsorbents with a strong focus on safety and suitability for the process and budget needs of its clients. MEC’s R&D work involves converting carbon dioxide & methane to fuels and chemicals. The intern will have the opportunity to learn and apply his/her classroom experience to solve real problems with MEC experts. We value the diversity of our people and the different strengths that they bring, which emphasizes our team-focused approach to accomplishing our goals. We aim to provide our intern such learning experiences that can help them grow as a professional.

#### **Position Description**

The intern will gain experience through one or more of the following activities:

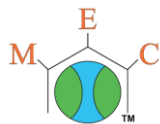
- Conducting experiments such as catalyst synthesis, characterization, and testing
- Designing, building and operating MEC reactors
- Writing/preparing reports, articles, and presentations
- Events planning and participation
- Advertising, marketing and sales of products
- Following procedures for a safe, harmonious, and efficient work environment
- Travel for business-related activities

#### **Skills & Qualifications**

- 18 years of age or older
- Recent graduate or currently majoring in engineering, chemistry or related fields
- Strong oral and written communication skills
- Willingness to learn new things required for projects
- Interest in environmental preservation, remediation, or related topics

#### **Physical Requirements**

- The ability to lift up to 25 pounds occasionally
- The ability to respond quickly to sounds
- The ability to move safely over uneven terrain or in confined spaces
- The ability to see and respond to dangerous situations
- The ability to wear personal protective gear occasionally

**Compensation**

This is an unpaid position. There is opportunity for school credit if allowed by the applicant's institution.

**Next Steps**

Email your cover letter and resume with relevant experiences to [manager@mecfuelchem.com](mailto:manager@mecfuelchem.com). If you have any questions please email [manager@mecfuelchem.com](mailto:manager@mecfuelchem.com).

To learn more about the company, visit [www.mecfuelchem.com](http://www.mecfuelchem.com).