

# **Sample: Engineering Major**

## **Chris Abreu**

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### **Education**

University of Illinois at Chicago (UIC)  
Bachelor of Science in Mechanical Engineering, May 2017  
Cumulative GPA 3.3/4.0

### **Certification**

Engineer-in-Training [Fundamentals of Engineering Exam (FE)], sitting April 2017

### **Senior Design Project**

Spring 2017

Designed an environmental enclosure for a batterydischarging device

- Led a group of five students to successfully build a prototype
- Conducted numerous experiments to optimize device functionality
- Wrote reports, collaborated on a poster display, and presented the design to engineering professionals at the annual UIC Engineering Expo

### **Engineering Coursework**

Heat Transfer, Fluid Mechanics, Mechanical Vibrations, Engineering Graphics and Design, Materials for Manufacturing, Statics/Strength of Materials, Engineering Dynamics

### **Engineering Experience**

#### **Freedman Seating, Chicago, IL**

*Engineering Intern*

August 2015- December 2015

- Assisted project engineers with multiple projects to design and modifyexistingmaterials
- Assembled transit seats according to prints for lab testing
- Created part models, layouts and drawings using Solid Edge
- Manipulated plain carbon, HSLA and stainless steel to develop sustainable proto-types
- Verified dimensions on parts using protractor, caliper and other tools to decrease design error
- Utilized air tooling, band saw, drill press laser, bending and welding processes with accuracy

### **Additional Experience**

#### **UIC Office of Career Services, Chicago, IL**

*Administrative Aide*

August 2015-Present

- Assist walk-in students with questions related to office services
- Respond to and resolve client inquiries via telephone to provide customer satisfaction
- Distribute information to various departments to increase collaboration

### **Memberships**

Pi Tau Sigma: Mechanical Engineering Honors Society

2015- Present

American Society of Mechanical Engineers

2014- Present

### **Skills**

*Computer:* Working knowledge of AutoCAD, Autodesk Revit, SAP2000, MATLAB, Pro/ENGINEER, Microsoft Office Word, Excel and PowerPoint

*Language:* Proficient in oral and written Spanish; Familiar with French

### **Interests**

Playing baseball, reading works by Edgar Allen Poe, and mobile DJ