

# Iwen Lam

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## EDUCATION

### **Lehigh University**

*Bachelor of Science* in Mechanical Engineering  
Minor in Aerospace Engineering

Bethlehem, Pennsylvania  
August 2012 – May 2015

### **Temple University**

Undeclared Major

Tokyo, Japan  
August 2011 – May 2012

University Cumulative GPA: 3.08

Honors: Dean's List 2012

## EXPERIENCE

### **Family Support Circle**

*Social Media Marketing Intern*

Philadelphia, PA  
August 2015 – Present

- Integrated all social media platforms to provide cohesive user experience.
- Developed unique hashtag to integrate all social media platforms and create a compelling identifier for the company.
- Created, maintained, and updated all social media accounts for Philadelphia office.

### **Volkswagen Group China 大众汽车(中国)**

*Automotive Engineering Intern*

Shanghai, China  
July 2014

- Created SOP to enable proper assembly and disassembly of sunroofs and door handles.
- Controlled the quality of sunroof, door mirrors, suspension, door handles, and hood to ensure safety requirements were met through rigorous thermal, stress, and life cycle testing.
- Provided assessment in Mandarin Chinese of improvements to increase efficiency in the automotive assembly line for cars such as the Polo, Lavalda, and Skoda Fabia.

### **Profiles International China**

*Research Intern*

Shanghai, China  
July 2013 – August 2013

- Analyzed company performance metrics, business model, and product offerings for each of Profiles International's 126 divisions and competitors such as Hogan Assessments and Thomas International to aid the identification of new potential clients.
- Presented in Mandarin Chinese to upper management regarding areas of difference between other divisions of Profiles International in order to improve product offering within China division of Profiles International.

## PROJECTS

### **Senior Finite Element Project (Lehigh University)**

*Individual Project*

Bethlehem, PA  
April 2015 – May 2015

- Developed a finite element analysis on a sneaker to simulate the deflection and stresses on a foot.
- Analyzed material properties of shoes and the human body to produce accurate results.
- Ensured integrity of results through mesh density refinement and varying element types.

### **TE Connectivity Senior Design Project (Lehigh University)**

*Assistant Designer & Sponsor Contact*

Bethlehem, PA  
January 2014 – December 2014

- Designed robot arm to pick and place small parts in factories in accordance with specifications provided from TE Connectivity.
- Team leader in organizing, scheduling, and planning to ensure proper progress and achieving target deadlines.
- Developed financial plan for cost control within a \$1000 budget.
- Remodeled design to meet specifications, tested prototypes, and solved issues pertaining to robot arm dimensions, motor placement, and motor implementation.
- Presented final design and working prototype that met and exceeded expectations to TE Connectivity representatives.

## LEADERSHIP AND ACTIVITIES

### **FIRST Robotics Competition**

*North Penn and North Montco High School Team Mentor*

Lansdale, PA  
September 2015 – Present

- Developed lesson plans to introduce high school students to CAD modeling.
- Taught CAD modeling using SolidWorks.
- Helped students with mechanical design and development in creating a robot to partake in the FIRST Robotics Competition.

### **Mothers Against Drunk Driving (MADD)**

*Fundraising and Marketing Volunteer*

Philadelphia, PA  
August 2015 – September 2015

- Developed new ideas for creating awareness for MADD Walk such as creating bumper stickers and reaching out to influential individuals among the community.
- Contacted numerous organizations, law enforcement agencies, and universities to spread awareness for MADD Walk.

### **The SMIC Private School**

*Athletic Department Intern*

Shanghai, China  
June 2014

- Redesigned various athletic teams' sportswear and designed new banners highlighting sports teams' significant accomplishments.
- Acted as liaison and translator to coordinate athletic tournaments.
- Organized various athletic department items such as trophies, uniforms, and files.

## SKILLS

Languages: Fluent in Mandarin Chinese, French, and English. Basic Proficiency in Japanese.

Computer: Microsoft Office, Adobe Suite, Matlab, LabView, SolidWorks, NX, AutoDesk Simulation Mechanical, CATIA.