

Jennifer Ching

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EDUCATION:

Loyola Marymount University, Los Angeles, CA
Bachelor of Science in Mechanical Engineering
Minor in Chinese Language (Mandarin)
Tau Beta Pi Engineering Honor Society

SKILLS:

- Computer Aided Design (Autodesk Fusion 360, SolidWorks, Rhino)
- Microsoft Office Programs (Word, Excel, PowerPoint)
- Adobe Creative Suite (Photoshop, Illustrator, InDesign)
- Shop Skills (Laser Cutting, Woodworking, 3D Printing, Industrial Sewing, Soldering)
- Web Design and Social Media (Wordpress, Pinterest, Instagram)

ENGINEERING EXPERIENCE:

Prototype Engineer (Maker Lab)

adidas, Portland, OR

Jan 2017 – Oct 2017

- Provided trainings on the Laser Cutter, Industrial Sewing Machines, Wood Tools, and Vacuum Former
- Performed minor maintenance and repair on shop machinery and equipment
- Maintained all designated workspaces ensuring they were clean and had necessary equipment and tools

3D Modeling Workshop Instructor

Autodesk Gallery, San Francisco, CA

Jul 2016 – Nov 2016

- Engage with participants in hands-on workshop experiences with design and fabrication technologies
- Design and deliver new curriculum that utilizes TinkerCad and Autodesk Fusion 360
- Lead educational workshop experiences for both student and educator groups as well as the public

Shop Laboratory Internship

Maker Media, San Francisco, CA

Jan 2016 – Oct 2016

- Built full-scale models and wrote step by step instructions for projects in Make Magazine
- Worked in the Makerlab using hand and power tools, shop equipment, and digital fabrication equipment
- Collaborated with authors and Make editors to resolve issues with project instructions

Senior Capstone Design Project – Universal High-Lift Test Rig

Loyola Marymount University & MOOG Aircraft Group, Los Angeles, CA

Aug 2014 – May 2015

- Year-long project in collaboration with MOOG to overcome high costs of test equipment
- Responsible for CAD, analysis, fabrication, and assembly of system components and subsystems
- Primary liaison between LMU students and Moog Aircraft Group

Engineering Lab Internship

MOOG Aircraft Group, Torrance, CA

May 2014 – Aug 2014

- Used NX Unigraphics CAD software to design 3D models and 2D drawings of test stands
- Assisted with laboratory tests and was responsible for recording, organizing, and presenting data
- Programmed Microsoft Excel macro functions to organize financial data