

Michael Chen
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EDUCATION

- Master of Science: Mechanical Engineering-Robotics Emphasis** *Sep. 2017 – May 2019*
Cal Poly Pomona, *Pomona, CA* GPA: 4.0
- Bachelor of Science: Naval Architecture and Marine Engineering** *Aug. 2011 – Jun. 2015*
Webb Institute, *Glen Cove, NY*

PREVIOUS WORK EXPERIENCE

- Machinist – Sabrin Corporation, Pasadena, CA** *Dec. 2016 – Feb. 2017*
 - Produced aircraft parts on CNC & conventional machines.
- Marine Engineer (Contract) - Boksa Marine Design, Tampa, FL** *Mar. 2016 – Sep. 2016*
 - Designed structure, created assembly drawings for dredge barge.
 - Designed fluid systems with team for 103' yacht.
 - Facilitated greater efficiency through utilization of software macros.
- Intern Engineer - Elliot Bay Design Group, Seattle, WA** *Jan. 2015 – Feb. 2015*
 - Modified engineering drawings in AutoCAD, utilized Rhino to modify 3D models.
 - Used OCR program to digitize tank data.
- Research Intern - American Bureau of Shipping, Houston, TX** *Jan. 2014 – Feb. 2014*
 - Researched ship safety in Polar Regions.
 - Developed MATLAB program for successful analysis of polar temperature data.

SKILLS/EXPERIENCE

Software:

- AutoCAD, SolidWorks, 3DSmax, Rhino
- Python, VBA, MATLAB, LabVIEW, HTML, SQL, MathCAD
- Microsoft Office, Photoshop

Hands-on:

- Basic machine shop (mill, lathe, welding)
- Woodshop, Lasercutting, CNC

Hobbies:

- Ballroom Dancing, Guitar, Improv Comedy, Lasercutting

GRADUATE THESIS

Modeling the Behavior of a Falling Object