Michael Chen

michaelchen.engineer
michael@michaelchen.engineer

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
- Microsoft Office, Photoshop

- Python, VBA, MATLAB, LabVIEW, HTML, SQL, MathCAD

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