

# Christopher W. L. Wong

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## Education

### Bachelor of Science in Mechanical Engineering

Iowa State University | Ames, IA, USA

5/2015 – 12/2018

### American Degree Transfer Program: Mechanical Engineering

Sunway University | Selangor, Malaysia

3/2013 – 5/2015

## Work Experience

### Full Time Senior Assistant Technical Engineer

06/2019 – 4/2020

Murata Machinery Singapore | Singapore

- ❖ Oversaw installation project procedures as well as performed adjustment, inspection, and maintenance services on factory automation cranes
- ❖ Communicated with customers to provide during/after service supports
- ❖ Managed the installation team for work coordination and ensured safety regulations

### Part Time Mechanical Engineer Department Technician

03/2018 – 12/2018

Iowa State University | Ames, IA, USA

- ❖ Reviewed and evaluated building layout for collaboration with other technician in planning procedures and installation for any changes in interior of the building
- ❖ Operated mechanical power tools for modification/fabrication parts for project equipment

### Manufacturing Engineer Internship

05/2017 – 08/2017

MK Electric by Honeywell | Shah Alam, Malaysia

- ❖ Managed manufacturing processes by applying the knowledge of product design, assemblies, tooling, and materials
- ❖ Developed manufacturing efficiency and ergonomic workflow by researching the product specification, tooling design, jig fixture modification, and product design
- ❖ Assured product quality: test product functionality before handing out as a finish-product

### Maintenance Engineer Internship

05/2016 – 08/2016

Bostik Findley | Seremban, Malaysia

- ❖ Maintained factory machinery function and performed troubleshooting technique for machinery repair or any possible improvement

## Leadership & Activities

### President | Guang Hwa Lion Dance Troupe

ISU | Ames, IA, USA

- Organized the dance troupe for lion dance choreography and music instruments coordination
- Enabled team members' talent and strengthen physical
- Performed lion dance to promote cultural exchange

### Treasurer | Society of Manufacturing Engineer

ISU | Ames, IA, USA

- Planned and executed club financial expenditure such as club dues, material costs, miscellaneous expenditures, and manufacturing costs
- Involved in projects with team to evaluate the manufacturing progress for efficient and less waste production
- Undergone CNC Machining tools training, and G-code debugging

### Treasurer | German Club

ISU | Ames, IA, USA

- Managed club financial expenditure such as club dues, budgeting for club trips, resource fees, and miscellaneous purchases
- Promoted cultural exchange through language, celebrations, and lifestyle
- Networked with German exchange students to provide better insight of German culture



## Technical Skills

### CAD & CAM

SolidWorks ■■■■■■

Inventor ■■■■□

MasterCAM ■■■■□

### Programming Languages

Java ■■■■□

Python ■■■■□

Dart ■■□□□

HTML/CSS ■■□□□

### Software

MS Office ■■■■□

Affinity Photo ■■■■□

Lightroom ■■■■□

## Language Skills

Mandarin ■■■■□

Cantonese ■■■■□

English ■■■■□

German ■■□□□

Malay ■■□□□

## Certificates

- Technische Universität München – Lean Six Sigma Yellow Belt
- PDH Center – Geometric Dimensioning & Tolerancing (GD&T) and Design for Six Sigma (DFSS)
- IBM Data Science