

Stephen Cheng

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Mechanical Engineer | Manufacturing Quality Engineer

Experienced Engineer. Demonstrated success in product and assembly design, development, and manufacturing. Knowledgeable in engineering machinery and equipment. Accomplished in delivering high-quality customer service. Team leadership and training abilities. Strong data analysis skills. Bilingual, fluent in Mandarin Chinese and English.

Areas of Expertise

<ul style="list-style-type: none">• Mechanical Engineering• Manufacturing Processes• Customer Service Excellence	<ul style="list-style-type: none">• Product Designs and Builds• Plans, Drawings, and Blueprints• Team Building and Leadership	<ul style="list-style-type: none">• Components and Assemblies• Quality Assurance and Control• Staff Training and Supervision
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EDUCATION & CREDENTIALS

Bachelor of Science in Mechanical Engineering | Washington State University, Pullman, WA, *GPA 3.55*, 2017

Associate Degree in Science | Bellevue College, Bellevue, WA, 2013

Certified SolidWorks Associate (CSWA), VirtualTester Online, Pullman, WA

EXPERIENCE HIGHLIGHTS

COMPOSITE SOLUTIONS, Sumner, WA

Manufacturing Engineer, Aug. 2018 – Present

Develop manufacturing plan and determine issues to improve overall production performance.

Key Accomplishments:

- Implemented Lean Manufacturing to achieve overall quality of product, improving production flow, and reducing inventory.
- Setup a statistic system to monitor daily product First Pass Yield rate.
- Revised manufacturing plan leads to minimum of 10% cost reduction.
- Requoted major products raising company's overall profit.

COMPOSITE SOLUTIONS, Sumner, WA

Junior Procurement Specialist, Feb. 2018 – Aug. 2018

Purchase materials and hardware for daily production. Constantly visiting and monitoring vendors' performance.

Key Accomplishments:

- Assisted on creating accurate inventory control system.
- Setup vendor performance monitoring system. Perform monthly and quarterly evaluation.
- Explored new suppliers; constantly perform price comparison and ensure a back-up supplier for every purchase item.

TAI CHUNG PRECISION STEEL MOLD, Taichung, Taiwan

Mechanical Engineer Intern, 2017

Worked with engineering team in designing injection molds.

Key Accomplishments:

- Operated the computer numerical control (CNC) machine and manufactured injection molds under Engineer guidance.
- Manufactured the final inject product from the molds and performed Quality Assurance inspections.

BOILING POINT GROUP, INC., Seattle, WA

Store Manager, 2011 – 2015

Managed general store operations. Recruited, trained, and supervised staff. Coordinated employee schedules and activities.

Key Accomplishments:

- Decreased labor costs by training staff based on high quality standards and delivering superior customer service.
- Achieved the highest performance rating each month and was promoted to supervising another Store Manager.
- Contributed ideas and insights to management during the process of opening a new local store location.

SELECTED PROJECTS

UAV Launcher System, 2017

- Designed and built UAV launcher for easy transportation and shipment to Zimbabwe.
- Constructed launcher to operate in multiple environments and with parts obtainable for maintenance in Zimbabwe.

TECHNICAL PROFICIENCY

Software & Tools:	Engineering Equation Solver (EEs), Javascript, HTML, Matlab, Microsoft Office, SolidWorks (CAD Modeling)
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