**Steven Bong**

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**SUMMARY** A mechanical engineer graduated with a Bachelor of Science from Texas A&M University with a demonstrated experience of working in the civil engineering industry. Able to work under senior supervision and ready to perform engineering assignments within guidelines. A detail-oriented engineer who is willing to adjust and grow to achieve success in the competitive industry.

**WORK** **Civil CAD Drafter** October 2019 – June 2020

**EXPERIENCE** Team 4 Engineering, Poulsbo, WA

* Drafted technical drawings for structures, installations, and civil engineering projects including highways, sewer/drain systems, roadwork, and plots using AutoCAD Civil 3D
* Performed complex and variety work preparing maps, plans, profiles, graphs, and other engineering documents, research existing documents in preparation for next projects
* Created and modified existing utility plans, gradings, specifications, calculations, and charts in accordance with applicable codes
* Report project updates to project managers and professional engineers (PE)

**CERTIFICATE Engineer in Training**, State of Texas June 2019 - Present

* Mechanical E.I.T No. 66701

**EDUCATION** **Texas A&M University (TAMU)**, College Station, Texas May 2019

Bachelor of Science in Mechanical Engineering

**Oregon State University (OSU)**, Corvallis, OR September 2016 – June 2017

No degree obtained (only for 37 hours)

**Edmonds Community College (Edmonds CC)**, Lynnwood, WA June 2016

Associate’s degree in Science

**TECHNICAL** Advanced: Solidworks, MS Office, Engineering Drawings, AutoCAD

**SKILLS** Proficient: REVIT, Data Analysis, Manufacturing, HVAC Analysis, Load Calculation

Spoken Language:

Advanced proficiency in Bahasa Indonesia, fluent in English, moderate proficiency in spoken Chinese

**PROJECT Department of Mechanical Engineering**, TAMU February 2019 – May 2019

**EXPERIENCE** Pendulous Integrating Gyroscope Accelerometer (PIGA) Controller Project

* Identified a suitable dynamics motor from the market to support the navigation system
* Determined the motion behavior of the controller while not exceeding the given error parameter

**Department of Mechanical Engineering**, TAMU August 2018 – May 2019

Virtual Vehicle Simulator Senior Design Project

* Contributed in the collaborative team of 6 in designing the prototype of physical vehicle simulator in cooperation with a research program at TAMU, CAST LAB
* Drafted Bill of Materials and reduced expenses by 25% while maintaining the quality of final product
* Prepared and organized documentation of the project to the sponsor to be demoted to the next group
* Utilized Solidworks to design parts of the physical simulator based on customer demand

**ACTIVITIES** **Indonesian Student Organization (PERMIAS)**, TAMU August 2018 – May 2019

Media & Communication Officer

* Volunteered as person in charge in integrating media intermediary
* Created 30 media announcements post through social and messaging media application for official events

**AFFILIATIONS** Associate member of American Society of Heating, Refrigerating and Air-Conditioning Engineers

(ASHRAE)