Edward V. Wong

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WORK EXPERIENCE

Raytheon   **Oct. 2022 – Apr. 2023**
Systems Engineer   *Aurora, CO*
- Placed in Awaiting Clearance Employee Station (ACES) while undergoing investigation for Secret clearance
- Completed a variety of systems engineering trainings on topics including:
    - Fundamentals of Systems Engineering
    - Systems Engineering Lifecycle
    - Requirements Decomposition Overview
    - Integration Verification and Validation Basics
    - Introduction to Model Based Systems Engineering
    - Fundamentals of Agile and Scrum
    - Delligatti OCSMP Accelerator SysML Training Course

Wood   **Jan. 2020 – Oct. 2022**
Riser Engineer   *Houston, TX*
- Generated finite element analysis models and performed design verification for riser and umbilical pipeline designs to ensure compliance with client and regulatory requirements
- Optimized fairing coverage on a riser design to minimize added cost and installation time
- Evaluated the feasibility of installing riser monitoring sensors and recommended against installation as conditions at the installation locations exceeded sensor tolerances, saving the client from additional costs
- Acted as third-party CVA witness on fabrication site visits and confirmed standard operating procedures were followed for pressurized test hardware, as well as proper system integration and compatibility
- Scheduled meetings with team leads to assess Wood's floating offshore wind capabilities and identify internal subject matter experts

San Francisco Public Works   **Summer 2017 & 2018**
Student Design Trainee I/II – Construction Management   *San Francisco, CA*
- Led weekly progress meetings between the ZSFGH team, client, and contractors
- Provided support to lead engineer to ensure proper procedures, schedules, and work plans were followed

EDUCATION

Texas A&M University   **Dec. 2019**
BS, Ocean Engineering   *College Station, TX*

SKILLS & CERTIFICATIONS

- **Skills:**
    - Software: Proficient in OrcaFlex, Flexcom, SysML, Shear7, Excel, and Office; Academic experience with AutoCAD, MathCAD, Revit Civil 3D, and MATLAB
    - Languages: English, Czech
- **Certifications:**
    - OCSMP SysML Model User, CompTIA Security+, Professional Scrum Master I (PSM I)