

Taylor Beigh

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Current OIT, Portland-Metro campus student in pursuit of a BSME. Career goals after graduation involve a job where I'm able to use both my engineering skills to design and test, but also use my fabrication skills learned to physically build or modify the part in question. I aim to expand my knowledge on manufacturing practices, project, and small team management, and product development from start to finish by working alongside industry experts.

WORK EXPERIENCE

Topological Coder

Nov. 2021- Current

Traffic Technology Services, TTS Inc.

Beaverton, OR

Traffic Technology Services Inc. (TTS) is a technology company and information service provider for connected and automated vehicle applications. Their cloud-based solutions, industry standard products, and global deployments allow for immediate vehicle-to-infrastructure integration and applications using existing communications to the vehicle or driver.

- Produced the MAP message required for the prediction of the Personal Signal Assistant (PSA) System
 - Created topology data using Google Earth.
 - Provided description to the topology using the necessary code indicating the movements that cars are allowed to take.
 - Reviewed timing plans provided by government agencies to alter the topology code, indicating the priority of each movement using phase numbers.
 - Used the MAP Generator™ to check the topology for errors.

Lot Attendant

Oct. 2021- Nov. 2021

SK Northwest/Polaris of Portland

Portland, OR

SK Northwest is the leading Polaris/Sea-Doo/BRP dealer along the Willamette river. Full service dealership from purchasing/financing to modification installation and detailing. Segway, trike, and watercraft rentals as well.

- Took on lots of different responsibilities supportive of a powersport/watercraft dealership.
 - Took part in facility maintenance, vehicle detailing, janitorial services, and loading/unloading customer vehicles.
- Communicated with different departments in a fast paced environment.
 - Cooperatively worked with different groups, in a fast pace environment while ensuring safety.
- Focused on delivering Customer satisfaction
 - A guaranteed customer satisfaction driven attitude, ensuring quality work.

Program lead

Jan. 2021 – Sept. 2021

Boys and Girls Club of Lewis County

Chehalis, WA

The Boys and Girls club offers a safe, positive place for kids to enjoy fun and engaging programs at an affordable price. Clubs provide enrichment programs to youth while empowering them with a sense of belonging and security. They surround members with caring, trained staff that engage them in nationally proven evidence-based youth development programs.

- Curated curriculum and provided tailored support for club members.
 - Provided a support system for club members as part-time tutor, part-time counselor.
 - Tailored the program to each member's unique understanding based on their best learning style.
- Sought out and designed a curriculum based on BGCA's "ICARE" core values.
 - Utilized the programming facility's unused equipment that sat idle.
- Collaborated with other program leads for various tasks.
 - Generated familiarity with program leads who've worked with my specific members in the past.
 - Assist in other various tasks such as preparing breakfast meals and some light janitorial duties.

Shift Lead

Dec. 2017 – June 2021

Quick service restaurant- American cuisine.

- Encouraged team efficiency and success.
 - Focused on supporting a healthy working environment while ensuring prompt service.
 - Quickly built rapport with my co-workers.
- Multi-tasked and assisted other sectors during low time.
 - Moved quickly from one part of the store to another to assist with food preparation, food deliverance, and customer service.
 - Decisive and thoughtful on my feet when tasked with decisions or when engaging with customers.
- Enforced food safety standards.
 - Ensure WDOH regulations were met through daily facility inspections.
 - Took part in janitorial duties (Sweeping, mopping, restroom cleaning).

Elite Guard (lifeguard)

Aug. 2016– July 2018

Great Wolf Lodge

Centralia, WA

Large indoor waterpark with 6 different slides, 2 different kid pools, 1 large wave pool, an obstacle course, an indoor and outdoor hot tub, and a restaurant/bar- all connected to a large hotel.

- Ran waterpark while the supervisor was preoccupied.
 - Managed lifeguard rotation and duties such as facility cleaning and dirty towel removal.
- Fulfilled required safety protocols, ELLIS and associates platinum certification.
 - CPR, o2 administration and defibrillator training.
- Customer relations specialist- Ensured customer expectations were exceeded.
 - Greeted and guided guests during the opening ceremony.
- Facility management.
 - Monitored various metrics of water flow and power consumption, reported irregularities to managers. Cleaned facility with commercial chemicals.

EDUCATION

Oregon Institute of Technology

Sept. 2021- Current

BSME, Mechanical Engineering

Wilsonville, OR

Centralia College

Sept. 2018- June 2021

A.A.S., Mechanical Engineering, focus on Additive Manufacturing.

Centralia, WA

- APEC Club officer.
 - Oversaw the publication and outreach of our group to educate peers, students, and faculty.
- 2 years of welding technology.
 - Prior to engineering, completed 2 years of fabrication courses, including CAD.

SKILLS & INTERESTS

- **Skills:** Proficient at CAD, Excel, Word, and PowerPoint. Four years of working in metal fabrication and welding, various processes (TIG, MIG, SMAW, Soldering, Plasma cutting, Oxy Cutting). Beginner in Python.
- **Interests:** Deep automotive passion. Love for all things mechanical, and mathematical. Avid motorcyclist and track day enthusiast/novice racer.