

# Marshall Taylor

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## Summary

A driven, well-rounded computer engineering student with proven communication/teamwork skills and experience in a professional software development ecosystem. Seeking internship opportunities to contribute to a software team during school and beyond.

## Skills/Interests

**Technical Skills:** Javascript, Typescript, React.js, Python, Flask, SQL, HTML/CSS, AWS, C#

**Soft Skills:** Problem solving, task management, agile methodologies, engineering-design process, team skills, self-guided learning, communication

**Interests:** Problem solving, using new technologies to pursue projects, experiential learning, leaving comfort zone, bikes, cars, and the outdoors

## Experience

**SWE Intern - SheerID; Eugene, OR - Summer 2021**

- Developed new front-end components for SheerID's API, used across the globe by major companies (Amazon, Youtube, Hulu, Spotify, etc.)
- Delivered front-end customer facing software solutions for SheerID's UI (new components, debugging features, etc.)
- Solely created a ROI calculating React.js app to be used by potential clients, generating more customers

**Robotics Team Manager & Lead Programmer - Mohawk High School; Marcola, OR - 09/18:06/20**

Product Manager and Programming Lead for the robotics team, leading it to place 1st at the state championship tournament- qualifying it for the national, and world championships.

- Oversaw robot progress, led team meetings, aided in task management
- Solely developed autonomous driving routine for the robot
- Developed robot user-control interface: trained the team drivers in the use of the driver-control
- Individual contributor to the robots mechanical design, and construction

**CNC Lab Manager - Mohawk High School; Marcola, OR - 09/21:06/22**

Managed the use, maintenance, and materials for CNC equipment such as: 3D printers, laser engravers, vinyl cutter/printers, CNC routers, and plasma cutters.

- Trained students/staff on the use of the equipment
- Designed, and machined a laundry-list of items for school administration, SGA, and school clubs

**Customer Experience Coordinator - Marshalls (TJX); Eugene, OR - 05/21:07/22**

- Worked as a retail associate, cashiering, implementing floor features, and giving customer service until 04/22
- Promoted to customer experience coordinator where I managed the cashiers, service, and register funds

**Construction - Oregon; Until 2021**

Worked with my father, who was a general contractor until the age of 16. During this time I did construction, demolition, framing, siding, drywall, roofing, flooring, cabinetry, fencing, and plumbing

## Education

**University of Massachusetts, Amherst**

Bachelor of Science, Computer Engineering; Anticipated Fall 2025/Spring 2026

**GPA: 4.0** - Dean's list  
Amherst, MA

**Mohawk High School**

Valedictorian - Class Rank: 1; Graduated 06/22

**GPA: 4.0 unweighted**  
Marcola, OR

## Relevant Projects:

**Stock Sentiment Analyzer** - Python

Powered by mention frequency on Twitter, sentiments derived from likes, and retweets

**ROI Calculator** - React.js

Calculated company ROI when using SheerID, visually displaying the values via reactive graphs

**University Private Forum/Chat App (in progress)** - React.js / Flask / AWS S3 / Postgres

Flask API to handle session-based authentication, queries to postgres database, and communication to AWS S3. React frontend for UI, page router, and dynamic routing.