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June 4, 2026

Dear Hiring Team,

I have just graduated with a BS in Computer Science and Mathematics, and I'm looking for a role where I can keep growing quickly while contributing meaningfully from day one.

I didn't grow up wanting to be a software engineer. It wasn't until I transferred to Cherkasy Physics and Mathematics Lyceum. I transferred mid-program from an average English-focused school into one of the top 10 schools in Ukraine, joining a class that had already spent two years on an accelerated curriculum. I was completely behind. The math and physics workload was unlike anything I had seen. By graduation I had a 3.87 GPA and a perfect university entrance exam score, finishing among the best in the class of 2022.

I wanted to find somewhere I could keep building on that momentum, and Pacific University's CS and Mathematics program was where I landed. As I started my studies, I wanted to go beyond coursework and find a way to apply my knowledge to something real. That opportunity came when I joined Berglund Center, innovation center at Pacific University where students and faculty from different backgrounds and majors come together to build actual products. Berglund Center holds several patents, and I was genuinely excited to be part of a team that takes their products seriously.

The project I joined was the Veteran's App, developed over 36 weekly sprints for a VA client to support veterans with ADHD and anxiety. It was exactly the kind of experience I had been looking for, we were building something impactful for real people. It was a long haul, I onboarded new developers mid-project, documented the codebase from scratch, and kept the team moving through messy, real-world constraints. The hardest part wasn't the code, it's sustaining the quality over many months. We delivered a fully functional database, frontend, and curated resources (including guided meditations, breathing technique videos, and spoken guidances for veterans dealing with PTSD). We handed the project over to the VA, which was really exciting.

Finishing that project left me inspired. I wanted to keep building software that would last, tools that would still be helping people years down the line. That motivation is what led me to my capstone project: Campus Compass, an iOS navigation app for Pacific University's Forest Grove campus. The idea came naturally. I've worked as an orientation leader for incoming students for three years, and I've watched new students

struggle to find their way around campus every single year. The app shows campus buildings and their indoor spaces, and enables indoor navigation between rooms, which is something that never existed for our campus. I'm excited about the impact this will have on every incoming student's first days at Pacific.

Beyond the app itself, I've been building off this project in multiple directions: I started developing an admin and analytics platform for Campus Compass in my free time, just to keep my full-stack web skills sharp. I also presented research poster about accessible navigation, another issue Campus Compass addresses, at the NCUWM 26' conference in Nebraska. I talked about applying graph theory and adapting well-known algorithms like Dijkstra's to factor in accessibility constraints like avoiding stairs when routing through indoor spaces, by customizing costs of the graph nodes.

Moreover, in the span of 1 month I participated in 2 major hackathons. My team, which was formed on the day of the hackathon, built a project scheduler that uses Monte Carlo simulation to produce more accurate timeline estimates instead of the optimistic guesses for large projects. We placed 2nd in Overall track and 2nd Innovation track at HackUP. Two weeks later, at Beaverhacks, my team built a live boxing coaching web app that uses YOLOv8 and MediaPipe to track form and NVIDIA's Nemotron model to give the boxer real-time feedback. We placed 2nd in the NVIDIA Track.

I'd love to bring my full-stack experience, my habit of thinking before building, and my genuine enthusiasm for working on software that reaches real users.

*As of July 1, 2026, I will possess full U.S. work authorization through F-1 OPT and am eligible for the 24-month STEM extension. I do not require corporate visa sponsorship to begin or maintain employment for up to 36 months, and I am seeking a position with an E-Verify employer.*

Thank you for taking the time to read this. I'd be happy to chat more about my background or any of the projects mentioned above.

Warm regards,

Anna Tymoshenko