Blake Knedler
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Objective

An entry level position where I can apply my skills and knowledge to contribute to innovative projects as well as learn from real world examples to progress my career.

Education

University of Maine, Orono, Maine   **GPA:** 3.625
B.S. Computer Engineering (Anticipated, May 2025)

Experience

Software Engineering Intern
Tyler Technologies, Orono, Maine
2024-25 Academic Year

- Wrote Genero Ghost Client tests for ERP systems with SQL databases, ensuring robust functionality.
- Translated Genero ERP applications to C#, enabling a shift to a cloud-based architecture using .NET.
- Streamlined development workflows with advanced Git practices and GitHub Actions for CI/CD automation.
- Collaborated in Agile teams using Scrum and Kanban methodologies, contributing to iterative development and delivering high-quality software solutions on schedule.

Solar Sales Representative
Solar Pros, Champaign, Illinois
Summer 2024

- Developed strong communication and problem-solving skills by educating customers on solar energy solutions and negotiating sales.
- Utilized data tracking tools and CRM software to manage client interactions, enhancing my ability to analyze data-driven results and improve sales strategies.
- Strengthened interpersonal skills and adaptability, which are valuable in collaborative engineering environments.

Software Engineer Intern
Enercon Technologies, Gray, Maine
Internship for the 2022 and, 2023 Summers
Part time remote for the 2022-24 Academic years

- Worked directly with a customer on a product involving mass spectrometry to implement new features and fix previous bugs in the controlling software and Java based web server.
- Assisted senior developers in C / C++ development on multiple projects using Qt and Xilinx.
- Designed and implemented a Python GUI application to improve manufacturing line efficiency.
- Participated in code reviews through Bitbucket using Git and JIRA.

Technical Skills

Experience includes: Java, Javascript, Python, C, C++, Verilog, Qt, Git, and HTML / CSS. Advanced Experience with Windows, Linux, Microsoft Office, and Google Suites.

Honors and Leadership

Dean's List for 6/6 semesters
UMaine FSAE Marketing Team Lead (Academic Years 2024-2025)