Kobe Goodwin
Fargo, ND 58102
thekoveto@gmail.com
612-500-6720

February 2nd, 2025

Hiring Manager RELCO, A Kovalus Company
2331 3rd Ave SW, Willmar, MN

Dear Hiring Manager,

I am excited to apply for the Engineering Intern position at RELCO, A Kovalus Company. Currently pursuing a Bachelor's degree in Computer Engineering at North Dakota State University, I have developed strong skills in product design, drawing interpretation, and safety standards adherence.

During my recent internship at Signum, I programmed microcontrollers, reviewed PCB schematics, and designed wire harnesses. These experiences have equipped me with a solid foundation in engineering principles and teamwork.

I am particularly drawn to RELCO's commitment to innovation in the manufacturing process and the opportunity to gain hands-on experience in engineering projects. I am confident in my ability to contribute to your team and look forward to the opportunity to further discuss my qualifications.

Thank you for considering my application.

Sincerely,

Kobe Goodwin

KOBE GOODWIN

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Motivated and quality-oriented student aiming to obtain a computer engineering internship.

EDUCATION

BS Computer Engineering, North Dakota State University, Fargo, ND, May 2025

- Finishing degree from an ABET-accredited program
- *Awards*: Dean's List (5), Tau Beta Pi Honor Society, GPA 3.8/4.0

EXPERIENCE

Embedded Firmware Intern: Signum
01/2025 – Present Fargo, North Dakota

- Programmed STM/ESP microcontrollers; prepared code for review
- Reviewed PCB schematics; used test equipment; designed wire harnesses

TECHNICAL SKILLS

- *Proficient:* Python, C, Java, GitHub, MATLAB, VHDL, Microsoft Office
- *Familiar:* PIC and MIPS assembly language, LTSpice, Fusion360

PROJECTS

Senior Design III Project: Reverse Polish Notation Calculator
08/2024-Present

- Designed a PCB connecting a Raspberry Pi Pico to push buttons and LCD
- Embedded software programming using MicroPython
- Source control software experience with precise documentation

Senior Design I Project: Light Sensor
01/2024-05/2024

- Designed a PCB which powers an LED in response to low light conditions
- Implementation of Schmitt Trigger operational amplifier and transistors
- Experience planning project deadlines with a Gantt Chart

EXTRACIRRICULARS

Society of Automotive Engineers

- Collaborative circuit design, testing, and implementation to design an electric vehicle