Seth M. Konynenbelt

Phone Number: 616-953-9786   Email: sethkbelts@gmail.com   Grand Rapids, MI

Objective: To obtain an Embedded Engineering full time role in September 2024

Education
Grand Valley State University, *Allendale MI*   Expected Graduation: August 2024
- Major : Computer Engineering Minor : Computer Science and Math
- Overall GPA: 3.93
- Collegiate Wrestling, 3x All-Academic Team, 3x NCWA All-American

Unity Christian High School, *Hudsonville MI*   Graduated: May 2019
- Graduated with Summa Cum Laude honors, with a GPA above a 4.0
- MHSAA Wrestling 3x Academic All-State, 3x All State, and State Finalist

Experience
Embedded Engineer Co-Op, DornerWorks, *Grand Rapids,Michigan*   05/2022 – Current
- Worked with FPGA team as a software engineer in embedded C to spearhead DornerWorks first IP owned development board and demonstration
- Wide range of software and hardware embedded projects working with embedded C, hardware test plans, Vivado simulation, VHDL modules, networking, communication protocols, IP development, scripting, make, baremetal and freeRTOS

Backpacking Guide, Wilderness Ranch, *Creede, Colorado*   05/2021 – 08/2021
- Guided groups of 8 to 16 high school students safely through remote wilderness areas.
- Received medical and leadership training to ensure safely and lead effectively

Small Business Owner, Kbelts Site Services, *Hudsonville, Michigan*   04/2017 – 10/2020
- Owned, operated, and managed a lawn mowing business
- Developed time management and organizational skills needed to operate a business
- Worked one on one with clients to guarantee satisfaction with the services provided

Kerkstra Precast, *Grandville MI*   05/2019-09/2020
- Proved an importance for safety on the jobsite and following OSHA guidelines
- Hands on learning in reading blueprints
- Developed the ability to learn from others, as well as teach those less experienced

Strengths/Related Experience
Technical Skills
- C and Python programming, embedded ARM development, Vivado simulation, FreeRTOS and baremetal application, software and hardware debugging, VHDL, git version control, hardware test plan, Excel, and PowerPoint, 3D printing, soldering, PCB design

Leadership Skills
- GVSU Young Life Vice President
- GVSU Wrestling Club President, Vice President, and Captain

Relevant Coursework
- Embedded System Design, Digital Systems, Circuit Analysis, System Level Programming, Data Structures and Algorithms, Software Engineering, Electronic Circuits, Engineering Foundation courses