Reid Sobania

Computer Engineering Major

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Detail oriented University of St. Thomas senior with extensive knowledge in MacOS and Windows as well as both digital and analog circuit design.

Education

University of St. Thomas

Graduating May 2021 with BS in Computer Engineering, Current GPA: 3.73

- Honed basic industry skills such as circuit analysis and microcontroller programming
- Applied software development processes in both labs and projects.
- Got hands-on experience with soldering, circuit design, and circuit building.
- Gained knowledge of the functions of many circuit components
- Studied and designed with both digital and analog circuit components
- Used Multisim SPICE to simulate circuits and Ultiboard PCB to design circuit boards
- Found and implemented solutions for real world problems

Work Experience

University of St. Thomas

St. Paul, MN. Undergraduate Research. September 2018 – May 2020

- Have gained technical skills in programming through MATLAB and Octave
- Studied circuitry to learn why the circuit performs the way it does
- Researching applications for the Mbientlab wireless sensor
- Studying commercial and personal applications for virtual reality in fitness

Minneflowta Hockey

St. Paul, MN. Sales Representative and Web Designer. August 2019 – Current

- Working with small team to launch a Minnesota-branded hockey and lifestyle clothing line.
- Creating new designs and marketing to customers through social media and events.
- Have gained knowledge on what it takes to launch a startup and what factors go into having effective communication and planning within a team.
- Designing and implementing changes on the company website as our needs change daily.

Additional Skills

- Extensive computer knowledge and word processing skills
- Strong interpersonal and leadership skills
- Basic skills in C++, JavaScript, CSS, and HTML
- Has firsthand experience in launching a brand and building a business from the ground up
- Experience with repairing vintage audio amplifiers
- Knowledge in audio production and how different components affect audio output