

Logan Bryant

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Objective: To obtain a summer internship in the field of Computer Engineering and increase networking opportunities.

Education: **Baccalaureate in Computer Engineering** May 2023
Rose-Hulman Institute of Technology | Terre Haute, IN | Minor in Computer Science GPA: 3.35

Related courses: Communication Networks, Computer Architecture I, Intro to Embedded Systems, Data Structures and Algorithms, Intro Web Dev, Continuous-Time Signals, Electronic Device Modeling, Circuits and Systems, Intro to Digital Systems, Object-Oriented Programming

Skills: **Software:** Java, C++, HTML, JavaScript, CSS, Arduino, Linux Shell\Bash, Verilog, C, Cadence, MATLAB, Maple
Technical Skills: Bread Boarding, Soldering

Experience: **Collins-Aerospace** | Software Engineer | Cedar Rapids, IA May 31, 2021 – August 13, 2021

- Experienced working in Agile environment
- Utilized Jinja 2 template generator to produce reusable code
- Converted C++ code into working Java replication
- Worked with Ubuntu Virtual Machine as a Linux environment

Rose-Hulman Ventures | Project Engineer | Terre Haute, IN June 2020 – August 23, 2020

- Communicated with clients to develop their ideas
- Conducted product hardware testing
- Programmed hardware systems with MSP430 microcontrollers

Projects: **Processor Project**

- Implemented with a multi-accumulator type architecture
- Formulated an instruction set and opcodes with variable opcode size
- Prototyped design in Xilinx using schematics, Verilog, and virtual waveforms

TMJ Preventor

- Designed the layout in Cadence schematics
- Provided electrical signals from masseter (jaw muscle), detected muscle clenching
- Included as inventor on patent

Honors: **Lilly Endowment Scholarship Award** | County award received for full tuition to a university in Indiana
University of Evansville Mathematics Recognition | University recognized award | Scholarship awarded
National Honor Society | Treasurer 2017 – 2019

Activities: **Pi Kappa Alpha Fraternity**

- Vice President of Enrichment
- Brotherhood Chairman

Association of Future Alumni 2019-present

- Connect Alumni to campus through events and homecoming

CSERVE: Career Services and Employer Relations Volunteer 2019-present

- Setup and serve company sponsors for Career Fair