

Brian Sand

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Newark, DE | [My LinkedIn](#), [My Website](#)

EDUCATION

University of Delaware

Bachelor of Computer Engineering

Minors: Jewish studies and language

GPA 3.342

Newark, DE

May 2028

Charter School of Wilmington

High school diploma

Wilmington, DE

June 2024

SKILLS

- Java
- Javascript(React framework)
- C
- Python
- Linux
- VHDL
- FPGA programming
- Embedded Systems Design

RELATED EXPERIENCE

Projects:

- *RV32 prototyping board:* A custom made PCB design for a RISC-V(rv32) prototyping board using an FPGA flashed with a custom made rv32 softcore design. The design supports all of the base instructions of rv32. The board can be connected to a computer over USB, and from there the user can upload rv32 machine code for the board to run.
- *D&D Companion:* This is a full stack application that is a compendium and a character generator for Dungeons and Dragons 5th edition. The frontend is built with react JS, and the backend server uses Java Springboot. An LDAP server is used for storing user credentials and authenticating them, and an SQL database is used to store a users characters.

ADDITIONAL EXPERIENCE

Employment History:

- *Acme Markets, Wilmington DE, Front end employee, 08/2023-08/2024*

Front end employee at grocery store, where I worked the cash register, managed self checkout, and assisted shoppers with questions. I also stacked shelves and helped maintain a clean and safe environment. My friendly and efficient customer service was recognized with a customer satisfaction award after one year of employment.

- *Ingleside Assisted Living, Wilmington DE, Dietary Aid, 05/2022-07/2023*

I worked in the kitchen and dining hall, preparing for the residents and taking their food orders. I enjoyed working there and helping out the residents. The residents also really liked me, and we would spend a lot of time simply talking with each other.