

Dylan Le

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Objective

Seeking a remote or in-person computer science internship for Summer 2021 that will utilize Java, Python, C++, and other skills.

Education

Rensselaer Polytechnic Institute, Troy, NY Sep 2020 – May 2024
B.S. in Computer Science

Indian Springs School, Indian Springs Village, AL May 2020
High school diploma, 4.0 GPA

Projects

Custom Keyboard | *PCB Design, Hardware* Sep 2019 – Present

- Designed a custom mechanical keyboard PCB, case, and custom software
- Created prototypes with different Atmel microcontrollers
- Programmed keyboards with QMK an open source project for keyboard firmware
- Used KiCad for PCB design

Student Store Banking | *Python, C, Bash, MySQL(MariaDB), MIFARE NFC* Sep 2018 – Feb 2020

- Developed a full student account banking terminal for the student store at Indian Springs School with NFC card integration
- Designed the front-end using tkinter, and for the backend server used MariaDB. All hosted on the same Raspberry Pi 3
- Integrated an NFC card reader to allow for the use of student id cards when accessing the store
- Worked with the student store commissioners to add needed features

Technical Skills

Programming Languages: Java, Python, C/C++, SQL (MariaDB), HTML/CSS
Developer Tools: Git, VS Code, PyCharm, IntelliJ, Eclipse, CLion
Development Environments: Linux, Windows

Clubs & Organizations

Rensselaer Polytechnic Institute Aug 2020 - Present

- Associate News Editor for *The Polytechnic*, RPI's student news organization

Indian Springs School Aug 2018 - May 2020

- General Computer Science and Math Tutor
- Lead Web Editor: *Indian Springs Woodward Post*, Indian Springs Student Publication
- Web Editor and Designer for *The Mire*, Indian Springs Literary Publication
- Bass in Indian Springs Chamber Choir

Honors and Awards

- Rensselaer Leadership Award Aug 2020
- Rensselaer Recognition Award Aug 2020
- Indian Springs School: Abroms Scholarship for Summer Study May 2019
- AP Scholar with Distinction Jul 2019