

# 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