**ZACHARY NEILL**

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# **ABOUT**

I’m a rising Senior searching for a software developer internship. I attend Berea College on a four-year full ride scholarship where I’ve made the Dean’s list every semester. My easy-going personality and strong work ethic shine in both independent and collaborative work settings.

**WORK EXPERIENCE**

* Berea College Student Software Developer *August 2021 - Present*

Providing full stack web development on the college’s C.E.L.T.S., Labor Status Form, and B.C. Course Administration and Scheduling websites. Strong knowledge over the MVC architectural pattern and working knowledge of Linux servers.

* Berea College IT Manager *June 2019 - Present*

Managing 25 student IT help desk employees; resolved classroom and office software issues and provided computer hardware repairs

* Berea College Software Developer Summer Internship *May 2021 - August 2021*

Began developing the C.E.L.T.S. organization website via Agile development. Created pages based on Balsamiq wireframes. Developed both backend controllers and logic as well as frontend HTML in full stack MVC work.

* Dunkin’ Donuts Barista *June 2018 - August 2020*

In addition to being a barista, I was tasked with training all new employees.

# **PROGRAMMING SKILLS**

* At my 2021 internship, I worked with HTML/CSS/JavaScript/jQuery/Bootstrap 5 on the front end, & Flask/Jinja/mySQL/Peewee ORM on the back end. I became fluent in Bash + Git commands and GitHub; I became experienced with SSH and Linux.
* Through college, I’ve learned Python, C++, Colab, Julia, and web development. In OS Software Engineering, I’ve worked on the open source website [Runestone Academy](https://runestone.academy/). In Autonomous Robotics, I used C++ to code an image recognition neural network and code self-operating Pose SLAM LIDAR robots.

**EDUCATION**

* Berea College, Computer Science - *Berea, KY Fall 2019 - Spring 2023*

CS coursework: Open Source Software Engineering, Human Centered Computing, Data Structures, Web Development, Game Design, Autonomous Robotics, Electricity/Electronics, Software Design and Implementation, Building Better Apps

**HOBBIES**

* Music producer

I’m available at [open.spotify.com/artist/3mbmorBOJpVAPlGFEZ2B6h](https://open.spotify.com/artist/3mbmorBOJpVAPlGFEZ2B6h)

* Chess

Founded the Berea College Chess Club and competed in US Chess tournaments