**Zachary Neill**

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# **ABOUT**

I’m a rising Senior searching for a software developer internship. I attend Berea College on a 4-year full ride scholarship where I’ve made the Dean’s list every semester. My easy-going personality and strong work ethic shine in independent and collaborative work settings.

**WORK EXPERIENCE**

* React Developer  *October 2021 - Present*

Developing websites for actors & artists via React, including modern React functional programming with Hooks and Redux. Personal React signature builder project: [SigBuild](https://sigbuild.github.io/).

* Berea College Software Developer *August 2021 - Present*

Providing full stack web development on the college’s CELTS, Labor Status Form, and B.C. Course Administration and Scheduling websites, each with thousands of active users. Strong knowledge over the MVC architectural pattern and Ubuntu servers.

* Berea College IT Manager *June 2019 - Present*

Managing and managed nearly a hundred IT help desk employees; resolving classroom and office software issues and providing computer hardware repairs.

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

Began developing the [CELTS](https://www.berea.edu/celts/) organizational website via Agile from scratch, soon to be used by thousands of staff. Created pages based on Balsamiq & Figma wireframes. Developed both backend controllers and logic as well as frontend HTML in full stack MVC work.

# **PROGRAMMING SKILLS**

* At my 2021 internship, I worked with HTML / CSS / JavaScript / jQuery / Bootstrap 5 on the front end, & Flask / MySQL on the back end. I became fluent in Git commands and GitHub.
* 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. Since 2021, I have merged pull requests from the open source projects: [Audacity](https://www.audacityteam.org/), [Mastodon](https://mastodon.social/), the [Brave](https://brave.com/) Browser, and [Shotcut](https://shotcut.org/).
* At three bootcamps, I learned MongoDB and React, which I now use for freelance work.

**EDUCATION**

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

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

**HOBBIES**

* Music producer *Year 2012 - Present*

Available on [Spotify](https://open.spotify.com/artist/3mbmorBOJpVAPlGFEZ2B6h), iTunes, and all major streaming services.

* Chess *Year 2007 - Present*

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