LUKE FARRITOR

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6137 Blackstone Rd, Lincoln NE, 68526

Computer Engineer (he/him/his)

Incredibly motivated undergraduate student looking for experience solving difficult, impactful problems.

EDUCATION

University of Nebraska - Lincoln

Raikes School of Computer Science and Management

- The Raikes School is a **highly competitive honors program** accepting about 40 students per year.
- Computer Engineering major, with minors in Business and Robotics Engineering
- Elected to Student Advisory Board

Homeschool

Combination of independent study, one-on-one tutoring, homeschool co-ops and AP classes

- ACT: 35 | GPA: 4.0 | **National Merit Scholar**

EXPERIENCE

Don't Panic Labs | *Software Engineering Intern | Lincoln, NE*

- **Worked full-time on creating MyLNK**, an app and website that connects people in need to local charities.
- **Played leading role on development team** consisting of both interns and full-time engineers.
- Launched with **over 9,000 app downloads and 2,000 monthly website users.** First responders, teachers and guidance counselors have been trained on the project and many use it every day.
- **Received multiple awards for community impact.**

SOUNDTRACK. | *Technical Lead | Lincoln, NE*

- Soundtrack is a **musical art installation consisting of 50 computer-controlled guitars.**
- **Approached by local artist** Charley Freidman to handle technical aspects of project.
- **Designed, programmed and assembled** custom circuit boards using STM32 microcontrollers.
- **Wrote an Android app** to easily control music playback and designed custom guitar mounts.
- **Raised 14,000 dollars on Kickstarter** using 4-guitar proof of concept. Currently building full installation for first showing in Q4 2020.

Park & Go | *Summer Intern | Lincoln, NE*

- Collaborated with another intern to build multiple internal tools as well as a **redesign of Park & Go's website.**

SKILLS

Proficient with: C, Java, Python, HTML/CSS, JavaScript/TypeScript, Blender, Git, Arduino, Unity, Linux/Windows command line, Photoshop, Illustrator
Comfortable with: C++, C#, STM32, Solidworks, Altium, iOS & Android development environments, InDesign
Exposure with: PHP, SQL, Go, Apache, MongoDB, Godot Engine, Haxe
Other Passions: Golf *(varsity in high school)*, Reading *(currently: Origin of Species)*, Piano *(since age 5)*, Violin *(still a beginner)*, Church Service *(bell ringer, lectionary, etc.)*