

# Garrett Mills

student developer & self-taught nerd

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## objective

I am a computer science student seeking an internship to gain hands-on experience. I am a self-taught developer who always meets deadlines and exceeds project goals with strong teamwork and technical skills.

## education

### **Bachelor of Science (Computer Science)**

University of Kansas · 3.98 GPA · 2018 - May 2022 (expected)

Relevant Coursework: Calculus I & II (Honors), Digital Logic, Programming (C++)

Awards: Best Implementation of Google Cloud (HackKU 2019)

## work

### **Lab System Technician · August 2018-Present**

Center for Research Methods & Data Analysis · University of Kansas

- Aided transition between schedulers on HPC by transitioning 20+ submission scripts, creating a CLI utility to start an interactive session which is used by classes and CRMDA researchers on the HPC, and updating online documentation.
- General maintenance of CentOS lab computers - updating of 400+ R packages

### **Assembly Technician · March 2018-August 2018**

KRS Corporation · Louisburg, KS

- Designed and prototyped an Arduino breakout board with firmware and a Python-based connector to automate the flashing and testing of KRS Bumpbar logic boards which cut the time required to prepare each logic board in half.
- Assembled KRS Bumpbar keypads and other products.

## projects

### **Flitter · a libre Node.js app framework**

My take on an MVC web application framework based on Express. Flitter is free & open-source, well-documented, object-oriented, and easy to deploy.

### **WaitNoMore · a parking-lot monitoring app**

Uses a Python image-processing backend to update a Flutter app to let you know where to park! Awarded best implementation of Google Cloud at HackKU 2019.

### **TEDxYouth@Louisburg · Co-Organizer & Producer**

Helped organize the first TEDxYouth event at a Kansas school. Scheduled speakers and activities for 150+ attendees. Developed the attendee portal and ticket system, lead graphic design, and lead the production of the first live broadcast from the Louisburg High auditorium.

## skills

Object-oriented programming, JavaScript & Node, PHP & Laravel, Python, networking, Git, web design, documentation, C++, and Linux administration.