

# Garrett Mills

Self-Taught Developer & Speaker

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## objective

Computer science student who loves hands-on experience. I am a self-taught developer who always exceeds project goals and meets deadlines with strong technical and leadership skills.

## education

### Bachelor of Science - Computer Science

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

**Relevant Coursework:** Calculus I, II, III (honors); Programming (C++)

**Awards:** Best Implementation of Google Cloud (HackKU 2019)

## work

### Software Development Intern · May 2019 - Present

AllofE Solutions · Lawrence, KS

Full-stack development in TypeScript/Angular/PHP; among other things, implemented 10+ new reports for several clients, including implementing a new internal system for tracking student standards performance which is used for 1000+ students across several universities.

### Lab System Technician · August 2018 - May 2019

Center for Research Methods & Data Analysis · Univ. of Kansas

Aided transition between schedulers on cluster by transitioning 20+ submission scripts, creating a CLI utility to manage interactive sessions (used by statistics researchers and classes), updated online documentation, and general administration of lab machines.

### Assembly Technician · March 2018 - August 2018

KRS Corporation · Louisburg, KS

Designed & prototyped breakout circuit and firmware to automate flashing and testing of product logic boards. These improvements cut the time required to prepare each board in half.

## projects

### Flitter · Libre Node.js Framework · [garrettmills.dev/go/flitter](http://garrettmills.dev/go/flitter)

Flitter is my take on an MVC web framework. The ecosystem includes a dependency injector, ORM, user-auth scaffolding, and statically defined MVC routing with middleware, routes, controllers, and services.

### Noded · Free-form Notes & Databases · [garrettmills.dev/go/noded](http://garrettmills.dev/go/noded)

Noded was my team's entry for HackKU 2020. Based on Flitter and Ionic, Noded is a tree-based note and database editor complete with sharing, RESTful API, and static site exports.

### WaitNoMore · IoT Parking Management · [garrettmills.dev/go/wait](http://garrettmills.dev/go/wait)

Awarded best implementation of Google Cloud at HackKU 2019, WaitNoMore is a Raspberry Pi-powered parking management platform complete with mobile app and web-based GUI lot editor.

### TEDxYouth@Louisburg · Co-Organizer & Tech Director

I helped organize and live-broadcast the first TEDxYouth event at a high-school in Kansas, for several years in a row.

7+ years  
JavaScript (ES2019)

5+ years  
Linux (RHEL, Fedora, Ubuntu)

4+ years  
PHP (7.x, Vanilla/Laravel)

2+ years  
Databases (SQL/MongoDB)

1 year  
C++