Carnahan Lovewell

Software Engineer in Kansas City, KS

I enjoy using close analysis to solve complex logical problems, and then communicating those solutions to audiences of any level of expertise.

PHONE 816-352-1998 | **EMAIL** carnahan.lovewell@gmail.com
GITHUB github.com/CLovewell | **LINKEDIN** carnahan-lovewell

PROJECT EXPERIENCE

Plantopedia — Horticultural Database and Forum

- Worked on a team to build a web application allowing plant enthusiasts to find and share information with a community in one convenient place.
- Integrated third-party API to provide efficient access to data.
- Designed UI and website structure.

WORK EXPERIENCE

Instructor — Mathnasium, Leawood, KS

April 2022 - Present

- Provide instruction to children, grades 1-12, in foundational math skills with exercises, examples, manipulatives and games.
- Sustain student-instructor ratios of up to 4:1 in a team-teaching environment.
- Meet the needs of a wide range of student ages and ability levels.

Warehouse Team Member — Amazon, Riverside, MO

June 2021 - November 2021

- Support high volume of package processing.
- Work at a fast pace in several positions within a complex, teamwork-dependent structure.
- Process data rapidly and accurately to ensure efficient product flow and low rate of mistakes.

Graduate Teaching Assistant — University of Missouri, Columbia

August 2017 - May 2021

- Provide regular instruction in undergraduate algebra and calculus to classrooms of 30-40 students.
- Respond to the inquiries of ~80 students each day as needed.
- Design 8+ quizzes, and assist in the design of 3-4 exams, per semester to gather student learning data; respond to that data in instructional periods.
- Maintain rate of progress in graduate coursework.

EDUCATION

LaunchCode, LC101 Programming Course — 2021

Truman State University, BS, Mathematics — 2016

SKILLS

PROGRAMMING LANGUAGES

- **Typescript**
- **Java**
- **Javascript**
- **HTML**
- **CSS**

FRAMEWORKS

- **Spring Boot**
- **AngularJS**

DATABASES

- **MySQL**

TOOLS

- **Bootstrap**
- **Hibernate**

AWARDS

Excellence in Teaching Award for teaching performance above expectations in the trying conditions of COVID-19, including teaching a course with increased autonomy and reduced support.

Math@CASE Outstanding Service Award