

JAKE K. HAHNE

COMPUTER SCIENCE STUDENT

CAREER OBJECTIVE

Driven computer science student seeking an internship and ultimately a career in web/software design and development. With a strong academic background and hands-on experience in programming languages and frameworks, I am eager to apply my technical skills and creativity to tackle complex problems and create innovative solutions. I am also passionate about staying up-to-date with emerging technologies and collaborating with cross-functional teams to deliver impactful results.

RELEVANT COURSE EXPERIENCE

Software Development

Learned about the process of developing software from the initial research and preparation to shipping the final product.

Interactive Web App Development

Deep-dive course on web-based app development, including HTML, CSS, JavaScript, PHP, and other web frameworks built around these components.

Algorithms and Data Structures

In depth course using Python exploring many different data structures fundamental to computer programming, and algorithm analysis.

Object-Oriented Programming in Java: I & II

Two semesters worth of instruction and projects with emphasis on the concepts, principles, and implementation of OOP in Java.

Database Systems

Curriculum involved designing, implementing, and managing databases to store and retrieve large amounts of data efficiently. Used a lot of SQL.

Principles of Programming Languages

Studied essential concepts of modern programming languages including language design, features, and semantics with a focus on functional programming. Used the Racket/Scheme language heavily.

WORK EXPERIENCE

Mathematics Subject Tutor

January 2023–Present | University of Nebraska Kearney, Kearney, NE

- Provided tutoring services to students in math courses such as algebra, trigonometry, calculus, and statistics.
- Developed student confidence through positive reinforcement strategies.
- Supported students with helpful study habits and exam strategies.
- Used repetition and review to help students master challenging material.

Customer Service Representative

November 2021–Present | Wal-Mart, Kearney, NE

- Provided primary customer support to internal and external customers.
- Actively listened to customers, handled concerns quickly and escalated major issues to supervisor.
- Sought ways to improve processes and services provided.

Carpenter

November 2014 – December 2020 | Wright's Shed Co., Greenwood, NE

- Led a crew as we performed complete installations of sheds and detached garages for homeowners as well as business owners.
- Read and interpreted blueprints to follow specifications of projects.
- Demonstrated close attention to detail to verify quality and accuracy of work.

CONTACT INFO

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Website

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(work in progress, often down for development)

EDUCATION

**University of Nebraska Kearney,
Kearney, NE**

BS, Computer Science – in progress

Current GPA: 3.9

RELEVANT SKILLS

Programming Languages

Python, Java, Racket/Scheme, C++

Web Development

HTML, CSS, JavaScript, PHP, SQL, React.js, Node.js

Web Design

Adobe Illustrator, Canva, WordPress, Figma

Other

Microsoft Office, Slack, Dropbox, Zoom, GitHub, GitLab, MacOS, Windows, Linux

Traits

Hard worker, reliable, adaptable, collaborative, persistent, deep thinker, problem solver, detail-oriented

REFERENCES

Sherri Harms, PhD

Professor, Cyber Systems

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Barton Willis, PhD

Professor, Mathematics & Statistics

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John Hastings, PhD

Professor, Cyber Systems

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