

Maxwell Shafer

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Education

Kansas State University, Manhattan, KS

Graduated December 2025

Bachelors in Computer Science - 3.9 GPA

Relevant Work Experience

DazlHub LLC, Full Stack Software Development

Lenexa, KS

May 2025 – Present

- Built a cross-platform Flutter app for iOS/Android, **expanding audience reach**.
- Developed an Angular/TypeScript web app on Firebase, **enabling seamless communication**.
- Implemented serverless workflows **to cut maintenance and improve scalability**.
- Integrated custom APIs and Stripe **to deliver secure, streamlined invoicing**.

Kansas State University, Data & Program Structure Assistant Teacher

Manhattan, KS

Aug 2024 – Jan 2025

- Elaborated and resolved student questions about algorithms and data structures in class
- Facilitated student help sessions, assisting in project functionality and accuracy
- Collaborated with professor to discuss and develop comprehensive model solutions

Software Architecture & Design:

Relevant Course Work

- Collaborated with a team to complete an MVC application while adhering to agile development practices
- Refined design using UML diagrams to effectively document the application's structure and interactions

Object Oriented Programming:

- Developed a mock comprehensive point-of-sale (POS) system for a restaurant
- Obtained high proficiency in C#, .NET Framework, and relevant tools including xUnit testing

Network Systems:

- Applied core networking concepts including TCP/IP, UDP, DNS, HTTP/HTTPS, and socket programming
- Gained hands-on experience analyzing packet flow, latency, and reliability tradeoffs in client-server systems.

Database Systems & Concepts:

- Optimized SQL queries and database performance through indexing, query analysis, and other best practices.
- Utilized SQL Server Management Studio for data manipulation, retrieval, and reporting

Skills

Language & Tools: C#, C, Git, .NET Framework, TypeScript, Node, Python, Firebase, Dart, Stripe API, SQL, Excel, Linux

Soft Skills: Adaptability, Time Management, Collaboration, Communication, Problem-Solving, Technical Writing

Current Projects

Aggieville Pickup

A Flutter app to assign sections of Aggieville weekly to be picked up by members of the Sigma Chi fraternity, to keep Aggieville free from trash.

Firebase Container | Cloud Architecture

maxshafer.com

A Node.js + Angular Website to host my portfolio. I'm continuously adding more features to exhibit my passions, to keep my skills developed and sharp.

Node.js | Angular | CSS

Potion Match

A Tetris-like strategy puzzle game. Developed with Godot. This is my hobby project for when I have excess free time!

Godot | GDScript | Procreate

Involvement:

Sigma Chi Fraternity, Kansas State University

Fall 2023

House Manager:

- Managed relationship with Housing Board ensuring effective communication and damage reporting
- Organized 60 members to ensure house maintenance while flexibly repairing housing issues

Professional References Available on Maxshafer.com