

Tyler Gibbs

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Highly motivated university student with a concentration in software engineering, currently holding a 3.8 GPA. With more than 4 years of relevant work experience and a history of extracurricular involvement, I'm keen on channeling my problem-solving skills and passion for technology. Renowned for my results-oriented approach and team-centric mentality, I am adept at developing effective software solutions and fostering team success. I like to approach things from first principles, ensuring a deep understanding of the fundamentals to create innovative and efficient solutions.

PROFESSIONAL EXPERIENCE

DATA ANALYST/SOFTWARE ENGINEER

Lexis Nexis – Aug 2023 - Present

- Performed data analysis using SQL, Python, and Excel.
- Created data reports and dashboards with Tableau and Power BI.
- Developed productivity-enhancing software tools.
- Saved \$142,000 through efficient software solutions.
- Collaborated to identify key performance indicators.
- Conducted statistical analysis and predictive modeling.
- Managed data cleaning and validation.

SOFTWARE ENGINEER FREELANCER

Relevant Technical Experience – Jul 2022 – Aug 2023

- Translated client needs into technical requirements.
- Developed and debugged software applications.
- Used Java, Python, and C++ for various projects.
- Adopted new technologies and frameworks.
- Applied Agile methodologies for project management.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE CANDIDATE

University Of Oklahoma, Norman, OK, US

Expected graduation: May 2025

Relevant Coursework:

- Data Structures and Algorithms, Object-Oriented Design, Operating Systems, Data Analytics

Extracurricular Activities:

- Member, University of Oklahoma Robotics Team

PROJECTS

Backwork

Automates the medical coding process using AI-powered medical billing code extraction from documents. Features include user authentication, profile management, admin dashboard, responsive web design using Tailwind CSS, and integration with Finetuned LLM for document processing.

RiskLabs

Uses AI agents to analyze stock market trends and provide real-time insights. Features include real-time reports, comprehensive insights, strategic investment recommendations, and tailored analysis.

Zinbo

Uses LLM function calling to clean your email inbox. Features include Gmail integration, terminal interface, Google Cloud Gmail API, and support for multiple AI models.

Knightsbridge Website

My software engineering firm website. Features include Next.js, Supabase, TailwindCSS, and various UI libraries.

AI-Powered Web Scraper

An AI-powered web scraper that allows you to describe what you want on the page, and it scrapes it for you in a well-formatted JSON.

TECHNICAL SKILLS

Programming Languages: Python, C++, Java

Web Technologies: Django, Flask, HTML/CSS, JavaScript

Data Analysis: SQL, Pandas, NumPy, Data Visualization

Tools & Methodologies: Git, Agile, CI/CD, Unit Testing

Concepts: Object-Oriented Design, Data Structures, Algorithms, Problem Solving

VOLUNTEER EXPERIENCE

CODING BOOTCAMP VOLUNTEER

University Of Oklahoma – Norman, OKLAHOMA

Assisted in teaching coding basics to local school students, developing their interest in software engineering and space technologies.

TUTOR

University Of Oklahoma – Norman, OKLAHOMA

Volunteered to tutor students in Computer Science, emphasizing programming, algorithms, and data structures.

CERTIFICATIONS

Machine Learning

Stanford University School of Engineering • Issued Jun 2024 • Credential ID NVQB57DCUVZ9

Robotics: Aerial Robotics

University of Pennsylvania • Issued Jun 2024 • Credential ID TZAB8NFLTH5V

Self-Driving Cars

University of Toronto • Issued Jun 2024 • Credential ID 26XLUZUSNHEW