**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*