

Daniel Buglak

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Education

Bachelor of Science in Computer Science

Cognate in Statistics

Michigan State University, East Lansing, MI

April 2024

Work Experience

Software Development Intern

Mercedes-Benz Financial Services

May 2023 – April 2024

- Enhanced the efficiency of SOAP API services by transitioning from embedded SQL and message flow architectures to Java-based REST APIs. This modernization led to a more than tenfold improvement in internal system updating speed.
- Spearheaded the advancement of an employee chat bot within a comprehensive full stack environment. Introduced new features, including the integration of a new user role, the implementation of a deletion functionality, and substantial user interface enhancements.
- Created a sophisticated Microsoft Excel macro tailored to streamline SAP IDoc monitoring which significantly reduced employee time investment from 30 minutes to ten seconds.
- Collaborated seamlessly with diverse IT teams to ensure the accurate integration of vital business information and systems, reflecting a commitment to cohesive cross-functional teamwork.
- Developed a website that utilizes natural language processing and OpenAI's ChatGPT APIs to transcribe and summarize a meeting. A major feature is the ability to re-prompt ChatGPT for a more customized summarization.
- Trained a model to analyze Outlook emails using natural language processing to categorize and sort unread emails into folders.

Software Developer

MSU Capstone Experience – Michigan State University Federal Credit Union

August 2023 – December 2023

- Developed a proof-of-concept application for a simple-to-use digital banking application for Android Auto with one touch and voice-controlled features for enhanced user interaction.

Undergraduate Learning Assistant

MSU Computer Science Department

January 2023 – May 2023

- Helped teach an introductory programming course and held responsibilities such as helping new programmers, maintaining grades, and teaching course sections.

Student IT Support

MSU IT Support

January 2022 – December 2022

- Set up lecture halls and monitor zoom meetings to ensure that all technology is working correctly and up to the lecturer's expectations for various colleges within Michigan State University.

Waiter

Hopcat Beer Bar

May 2021 – September 2021

- Applied courtesy and problem-solving skills to ensure customer satisfaction and effectively multitasking conflicting demands.

Lifeguard

Edgewood and Orchard Lake Country Clubs

May 2018 – September 2020

- Ensured maximum sanitization and cleanliness of all facilities relating to the pool front to the club's and the member's highest expectations.
- Guaranteed safety of all patrons inside and outside the pool, lakefront, and club sanctioned events.

Personal Projects

Homemade Smart Mirror

August 2022

- Built a homemade smart mirror using a deconstructed monitor and a Raspberry Pi and configured it with the C programming language.

Personal Website

July 2023

- Taught myself JavaScript, HTML, and CSS to develop a React website that serves as a professional portfolio.

Certifications

Microsoft Certified: Azure Fundamentals AZ-900

May 2024

Skills

- Experienced in Python, C++, Java, and R.
- Experienced in Flask, Maven, and Spring Boot.
- Experienced in writing and using API service calls.
- Experienced in Jira and GitHub.
- Proficient in JavaScript, TypeScript, and SQL.
- Proficient in HTML and CSS.
- Familiar with linear programming, ARM Assembly, C, VBA, and C#.
- Familiar with the UNIX environment, SAP, and Docker.
- Familiar with Microsoft Azure.
- Familiar with Jinja, socket.io, and database management.
- Experienced in analyzing data utilizing clustering, linear regression, and correlation.
- Experienced in applying various statistical distributions to solve problems.
- Experienced in Microsoft Office Suite.
- Deep understanding of data structures and algorithms.
- Strong verbal and written communication skills.
- Native in the Russian language.
- Volunteering experience helping the less fortunate in Detroit.
- Well-versed in multitasking to increase productivity.
- Familiar with the React framework.