Max Pilipovic-Kljajic

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 GitHub| LinkedIn

EDUCATION

Master of Science – Computer Science   Aug 2024 – Dec 2025

University of Illinois Springfield   *Springfield, IL*

Bachelor of Science – Computer Science   Aug 2019 - May 2024

Eastern Illinois University   *Charleston, IL*

SKILLS

Programming Languages Python | Java | C | C++ | C# | HTML | CSS | JavaScript

Tools & Technologies Microsoft Azure | .NET | Gatsby | React | GitHub | Nintex | Power Automate

EXPERIENCE

CS Teaching Assistant   Aug 2024 - Present

University of Illinois Springfield − Computer Science Department   *Springfield, IL*

- Delivered workshops and personalized tutoring for undergraduate computer science courses, dedicating 20hrs weekly to students.

- Guided students through lab assignments during scheduled lab sessions, ensuring comprehension of key fundamentals and troubleshooting technical issues.

- Assisted in grading exams and assignments with fairness and consistency, tailored instructional approaches to diverse learning styles and provided feedback to students, increasing average grades by 8-10%.

Systems Architect Intern   May 2024 – Aug 2024

First-Mid Bank & Trust   *Mattoon, IL*

- Implemented advanced automation solutions using Nintex and Microsoft Power Automate, driving significant improvements in operational efficiency.

- Developed and optimized SQL scripts to enhance data management capabilities and collaborated with .NET development team to deliver high-impact internal projects.

- Built robust workflows and system integrations, streamlining processes and boosting overall performance.

Software Developer Intern   May 2023 – Aug 2023

Rural King   *Mattoon, IL*

- Maintained and enhanced the employee portal (ATK), which supports critical business functions such as purchase order planning and routing.

- Managed and optimized a customer reporting dashboard, delivering actionable insights for sales, purchasing, and other departments.

- Developed efficient SQL scripts and partnered with development team to execute high-priority projects and execute system functionality.

NOTABLE PROJECTS

MaxPilipovic.com   Jan 2024 - Present

Personal Project   *ILLINOIS*

- Designed a personal portfolio website using HTML, CSS and JavaScript, showcasing skills/technical achievements.

- Currently rebuilding the portfolio with Gatsby, Node.js and React, transforming it into a dynamic platform that showcases blogs, personal/technical achievements, resumes and serves as a hub to represent my personal brand across different platforms like YouTube, Twitch & Instagram and sharing blogs of life and software development.

- Incorporating GitHub API for commenting on blogs posts and leveraging the platform for version control, reflecting a focus on interactive content and project management.

AlumLinx   Nov 2024 - Present

Start Up/Personal Project   *ILLINOIS*

- Currently in early stages of planning and development, focusing on building a scalable platform to connect students, alumni and Greek life members for mentorship, networking and career growth.

- Leveraging React & TailwindCSS to design a responsive user-friendly frontend. Developing backend using Node.js and Express.js, hosted on Microsoft Azure with AI-driven matching algorithms powered by Azure Machine Learning and secure data handling using Azure SQL & Cosmos DB.

- Implementing real-time messaging with Azure SignalR & integrating Stripe/PayPal for payment processing.

ACHIEVMENTS

- Eastern Illinois Men's Tennis, Sigma Pi Fraternity, SAAC (Student Athlete Advisory Committee), CS Club
- Solved 100+ LeetCode Problems & launched a 'Programming Everyday' series on YouTube.
- Conducted Independent Research on 'Advanced Encryption Standard' algorithm and applied ML models.