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Max Kempler

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EDUCATION

Marist College, Poughkeepsie, NY
Bachelor of Science degree expected May 2025
Major field: Computer Science - concentration in software development
GPA: 3.4/ 4.0 (Dean's list)

EXPERIENCE

Student Web Programmer

Marist College, Poughkeepsie, NY

February 2023 - Present

- Maintain and update the GLPI (Open-Source IT Asset Management) Software that runs the IT inventory/change management system
- Implement new features and functions to enhance system efficiency and effectiveness
- Develop programs to integrate the inventory/change management system with other systems
- Collaborate with team members to identify and resolve technical issues

Teaching Assistant for Software Development 2

Marist College, Poughkeepsie, NY

June 2023 – July 2023

- Demonstrated proficiency in JavaScript, HTML, and CSS, by providing hands-on assistance to students in debugging and problem-solving
- Effectively explained complex software development concepts to students with varying levels of experience and technical backgrounds
- Evaluated assignments and projects, delivering comprehensive feedback to foster student growth
- Collaborated with the course instructor to brainstorm and implement creative teaching approaches

PERSONAL PROJECTS

Software Development

- Created a dynamic social media website adhering to RESTful principles. Built the front-end using HTML and CSS, while leveraging JavaScript and Node.js with the Express framework for the back-end development. Utilized Postgres as the database system.
- Developed an AI chatbot in python that leveraged deep learning models to understand user queries and generate human-like responses. Integrated NLP for effective analysis of natural language input and relevant answers.
- Developed a weather app using Python that utilizes API calls to fetch real-time weather data. Implemented location-based forecasts, an intuitive gui using Tkinter, and seamless data retrieval

SKILLS

Technical: Python, Java, JavaScript, Swift, PHP, HTML, CSS, Git, AWS, Drupal, Docker, Linux, SQL, Node.js, RESTful APIs, Postman, Express, Excel

Interpersonal: Communication, Teamwork, Organization, Time Management, Adaptability, Leadership, Flexibility, Creativity, Multitasking