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## Max Kemppler

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### EDUCATION

**Marist College**, Poughkeepsie, NY - Bachelor of Science degree May 2025  
Major field: Computer Science - concentration in software development  
GPA: 3.4/ 4.0 (Dean's list)  
Relevant Coursework: Programming Fundamentals, Advanced Software Development, Systems Analysis, Database Management & Design, Networking and Data Communications, Internetworking Principles

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### EXPERIENCE

#### Web Programmer / Devops Support

*Marist College, Poughkeepsie, NY*

*February 2023 - Present*

- Maintain and optimize GLPI, an open-source IT asset management software.
- Enabled real-time monitoring, responses, and other automations through the creation of scripts that watch for tagged items in the GLPI inventory and posts the inventory data to a dedicated Xymon screen for Operations.
- Work with stakeholders to identify, implement and integrate innovative features enhancing system functionality and data management.
- Collaborate effectively with the team to troubleshoot and resolve technical issues.

#### Teaching Assistant for Software Development 2

*Marist College, Poughkeepsie, NY*

*June 2023 – July 2023*

- Provided hands-on assistance to students in problem-solving approaches, and debugging languages such as JavaScript, CSS, and HTML.
  - 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, document, and implement creative teaching approaches.
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### PERSONAL PROJECTS

#### Software Development

- **[AI Chatbot](#)**: Engineered an AI chatbot in Python that leveraged deep learning models to understand user queries and generate human-like responses. Integrated NLP for effective analysis and understanding of natural language input, providing contextually relevant responses.
  - **[Dynamic Social Media Website](#)**: Designed and developed a dynamic social media website with a REST API, leveraging Node.js, Express, and JavaScript. Adhering to RESTful principles. Utilized Postgres as the database system. Built the front-end using HTML and CSS.
  - **[Real-Time Weather App](#)**: 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.
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### SKILLS

#### Technical

- **Programming Languages**: Python, Java, JavaScript, PHP
- **Web Development**: HTML, CSS, Git, Node.js, React.js, SQL, RESTful APIs
- **Database Management**: MySQL, MariaDB, Postgres
- **Cloud/DevOps**: Linux, AWS, Docker
- **API Testing**: Postman, SOAPUI
- **Other**: Drupal, Excel