Kourtney Giles

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EDUCATION

Towson University | Towson, MD   **May 2025**
B.S. in Computer Science
Relevant Courses: Web-Based Programming, Artificial Intelligence, Object-Oriented Programming, Database Management Systems, Operating Systems, Algorithm Analysis, Programming Language: Design/Implementation

TECHNICAL SKILLS

Languages: JavaScript, HTML5, CSS3, Java, Python, C++, SQL
Technologies: React.js, Next.js, Node.js, TailwindCSS, RESTful APIs
Tools: Git, GitHub, VS Code, npm

EXPERIENCE

Train Your Brain Camp | Washington, DC   **June 2025 - Aug. 2025**
Robotics and Coding Instructor
- Designed and delivered hands-on coding labs and mini-projects introducing logic, conditionals, loops, and event-driven programming
- Debugged student code and provided one-on-one technical support
- Developed structured lesson plans aligned with STEM and computer science learning objectives

Towson University Department of Computer Science | Towson, DC   **Sep. 2024 - May. 2025**
Lab Administrator
- Supported CIS department faculty with technology setup and system diagnostics
- Documented recurring technical issues and resolutions to improve support efficiency
- Assisted students and faculty with software, hardware, and connectivity issues in computing labs
- Provided technical support and troubleshooting for classroom and lab systems, including Crestron AV technology

Grade Potential | Woodlawn, MD   **Jan. 2024 - May. 2025**
Mathematics Tutor
- Tutored students in Algebra, Linear Algebra, Discrete Mathematics, Probability & Statistics, Pre-Calculus, and Calculus I–II
- Explained logic, proofs, matrices, and probability concepts to strengthen analytical and problem-solving skills

PROJECTS

Lost & Found Web Application | HTML, CSS, JavaScript   **Apr. 2025**
- Developed a responsive web application to report, browse, and claim lost items on a university campus
- Implemented client-side form validation, dynamic item filtering, and search functionality

Personal Portfolio Website | HTML, CSS, JavaScript, GitHub Pages   **Aug. 2025 - Sep. 2025**
- Built and deployed a personal portfolio website to showcase projects and technical skills
- Implemented responsive layouts and reusable UI components
- Version-controlled the project using Git and deployed via GitHub Pages

AI Chatbot | JavaScript, Node.js, OpenAI API   **Jan. 2026 - Present**
- Developed a conversational AI chatbot with a web-based frontend and Node.js backend
- Integrated OpenAI's API for natural language responses
- Currently extending the system with conversation history and user memory