Blake T. Kuechler

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OBJECTIVE: Recent graduate in computer science looking to start a career in software development utilizing my problem-solving skills, teamwork, and robust knowledge of multiple different technologies and applications

EDUCATION:

Miami University | Oxford, OH   *Expected in August 2024*
Master of Computer Science in Computer Science   *GPA: 3.88/4.00*

- Coursework in Comparative Programming Languages, Web Services, Knowledge Representation, Automata, Advanced Networking, Ethical Hacking

Miami University | Oxford, OH   *May 2024*
Bachelor of Science in Computer Science   *GPA: 3.82/4.00*

- Dean's List for 6 semesters, President's List for 1 semester
- National Horatio Alger Scholar, Redhawk Excellence Scholarship Recipient
- Coursework in Web Applications, Foundations of Graphics, Software Engineering for UI/UX Design, Object-Oriented Programming, Mobile App Development, Database Systems, Data Abstractions and Structures

RELEVANT SKILLS:

- Java, C#, C++, HTML, CSS, JavaScript, PHP, Bootstrap, Python, SQL, XAML, React, Linux, REST APIs
- Git, GitLab, Visual Studio Code, Eclipse, Jira, AWS, Docker, Microsoft Office
- Analytical Thinking, Verbal and Written Communication, Complex Problem Solving, Time Management and Organization, Teamwork and Collaboration

RELATED EXPERIENCE:

London Computer Systems | Landen, OH   *April 2022 – August 2022*
Quality Assurance Tester Intern

- Collaborated with a small software team of 7 to communicate individual goals and overall daily tasks through Jira and daily standups
- Identified, documented, and reported bugs found in teams code before pushing to main branches
- Fulfilled efficiency goals and deadlines set for projects to push to end users on time
- Verified proper integration of new components in multiple internal employee applications to ensure correct behavior

COURSE PROJECTS:

Miami University | Oxford, OH   *September 2023 – May 2024*
Senior Design Project

- Analyzed and assessed legacy codebase of previous senior project to identify areas for improvement and expansion
- Took a leading role in setup of critical infrastructure elements including GitLab Runner and Amazon EC2 instance, as well as directed development and integration of the website's bracketing system functionalities
- Utilized GitLab for agile development practices, including version control, issue tracking, and continuous integration/deployment (CI/CD) pipelines
- Integrated third-party RESTful APIs for a bracketing system, enriching the website's functionality feature set

Miami University | Oxford, OH   *May 2024*
Advanced Networking Final Project

- Created a multi-machine system on AWS and local servers utilizing multiple web technologies
- Implemented CAS authentication and self-signed certificates for python-based REST servers utilizing Flask
- Architected secure routing including leveraging WireGuard VPN, enabling seamless AWS-local server connectivity