John M. Doll

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Objective: Obtain a Software Engineering Internship as a web developer, mobile application developer, or programmer to play an integral part for your company in leading innovation and invention across a range of industries.

Education:

Miami University   Oxford, Ohio   Expected May 2023
- GPA: 3.71, Major in Computer Science (BS) with a Specialization in Network-Centric Systems
- University Honors, Scholar Leader, Computing and Engineering Scholar, Summer Scholar, Dean's List

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Projects:

Interactive COVID-19 Dashboard   *Co-Project Leader, Developer*
- Spearheaded team of 8 developers, coding information retrieval and programming interactive design in 1 week
- Instructed team and personally engineered 5+ features and changes and relayed progress updates to advisor
- Engaged closely with local Health Department to curate visuals to advise about 400,000 residents to save lives

Personal Website   *Developer*
- Conceived, designed, and coded comprehensive website with upgraded security and learned 4 unique technical back-end AWS services (EC2, S3, CloudFront, Certificate Manager) reducing costs by $100s all in 10 days
- Introduced 5 features previously unfamiliar to strengthen skills in HTML5, CSS3, JavaScript and Bootstrap
- Designed and debugged the front-end to be an easily accessible UI for all browsers with 82% faster load times

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Experience:

Software Engineer Intern   Seattle, Washington
Amazon   May 2021 – August 2021
- Utilized 5 languages and frameworks to construct the front and back end of highly secure web application
- Built dashboard to make API calls in such a way that just three lines of code will add additional data to display
- Designed entire architecture and UI using core technologies for implementation of web based product
- (Projected) 1000 uses per month giving developers and customer service 100s of hours back and saving $1000s

Undergraduate Associate for Computing, Engineering and Society (CEC 101)   Oxford, Ohio
Miami University   August 2020 – December 2020
- Created 15 weekly newsletters detailing information about the class and the university as a whole
- Hosted weekly office hours on topics related but not limited to the events of prior and upcoming weeks
- Excelled in 5 additional leadership development and problem solving workshops throughout the semester

Global Support Liaison, IHG Network Compliance Specialist   Ada, Ohio
Hospitality Wifi LLC   April 2020 – May 2021
- Optimized nearly 20% of properties by altering core network settings increasing reliability of connections
- Diagnosed over 800 upper-level support issues culminating in resolution of more than 25% in only 3 days
- Configured greater than 1200 devices saving 100s of hours' worth of work for 10+ hardware installations
- Surveyed 5 buildings, ran cable, completed 5 day networking job in 2 days with team lessening cost by $100s

Assistant Sound and Tech Manager   Wapakoneta, Ohio
St. Mark's Evangelical Lutheran Church   December 2017 – August 2020
- Entrusted with operation, maintenance and installation of 32 audio and video device infrastructure
- Delivered presentation on 3 cost-effective ways to incorporate new technologies and revitalize current system
- Operated with church council to personally implement and conduct live-streams garnering 100s of views

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Skills:
- Primary Languages, Frameworks and IDEs: HTML5, CSS, Bootstrap, Java, C++, Eclipse, Visual Studio
- Additional experience in software engineering with Java Script, jQuery, Ajax, SQL and Swift
- Data Structures and Abstractions, Object Oriented Programming, Algorithms, Web Application Development
- Version Control with git, unit testing with JUnit, NetBeans, GitHub, Vim for Unix
- Courses scheduled: Machine Learning, Network Security, Cloud Computing, Advanced Databases, Web Services, Artificial Intelligence, Big Data Management, High Performance Computing