

# John M. Doll

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Objective: Obtain a software engineering position preferably as an iOS mobile applications developer.

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## Education:

**Miami University**

Oxford, Ohio

May 2023

- GPA: 3.76, Major in Computer Science (BS), Cum Laude
  - 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**

Santa Clara, California

*Amazon*

May 2022 – August 2022

- Released 3 Android mobile applications with Deep Java Library, an open source deep learning Java framework
- Published a 7 page article about my first app, Semantic Segmentation, on Towards AI
- Debugged and solved numerous issues along the way, improving the reliability and efficiency of DJL

**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

**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: Java, Swift, C++, C#, XCode, IntelliJ, Visual Studio
- Additional experience in software engineering with HTML, CSS, Java Script, Bootstrap, jQuery, Ajax, SQL, Python, Eclipse, NetBeans, Vim for Unix
- iOS Mobile Apps, Android Mobile Apps, Algorithms, Web Application Development, High Performance Computing, Big Data Management, Cloud Computing, Network Security, Machine Learning, AI
- Version Control with git and GitHub, unit testing with JUnit