John M. Doll

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

**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

**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

**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

**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