

John M. Doll

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Experience:

Project Application Software Engineer – Systems Infrastructure Team

Boynton Beach, Florida

Lutron Electronics

June 2023 – Present

- Saved **48 minutes** of compute off development build job running ~35 times a day, previously a 2+ hour job
- Automated Android/iOS beta and production app deployment process with **Groovy, Cloudbees, API integrations**, saving man hours and reducing risk
- Achieved configuration as code using **Ansible** and **Cloudbees** for build machines, closed security holes and reached **100% expected reliability**
- Discovered method previously unknown to Lutron to dynamically create parameters for **Cloudbees** build jobs, eliminating a number of hard-coded parameters and providing **future-proof build jobs** that update themselves
- Created **multi-arch Docker** container for our largest development division to bridge gap between Mac and Windows users and to reduce new hire setup time by over **99%** from ~1 week to 10 minutes
- Earned Campus Recruiting Manager for alma mater, organizing 10 recruiting events interacting with **1000s** of students

Software Engineer Intern

Santa Clara, California

Amazon

May 2022 – August 2022

- Released **3 Android mobile apps** 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**

Education:

University of Illinois Urbana-Champaign

Urbana, Illinois

Expected May 2027

- GPA: 4.0, Master's of Computer Science

Miami University

Oxford, Ohio

May 2023

- GPA: 3.76, Bachelor's of Science in Computer Science, Cum Laude
- University Honors, Scholar Leader, Computing and Engineering Scholar, Summer Scholar, Dean's List

Skills:

- Primary Languages and Skills: Jenkins, Groovy, Python, Java, Terminal, CICD, Ansible, API integration
- Tools: Docker, Artifactory, SonarQube, Jira, Cloudbees, Confluence, Fortify, Fastlane
- DevOps, System Automation, Release Automation, iOS/Android Mobile Apps, Algorithms, High Performance Computing, Big Data Management, Cloud Computing, Network Security, AI, Machine Learning, Network Security
- Additional experience with Ruby, Swift, Kotlin, SQL, C++, C#, R, AWS, Power Automate
- Version Control with git, Bitbucket, GitHub, Gitlab, and Amazon GitFarm