**Ronniesha Tirumalasetty**  **Entry Level Software Engineer**

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**Profile** Detail-oriented and technically skilled graduate with a B.S. in Information Science and Technology. Seeking an entry level software engineer role to apply strong programming skills, problem-solving abilities and communication skills. Passionate about artificial intelligence and LLM technologies. Strong technical communication skills from prior internship at Endo.

**Experience**

*Aaron Bux* *November 2024*

Dev Ops Intern

* Hands-on experience with setting up and maintaining virtual machines, networking, and storage solutions.
* Setting up CI/CD pipelines
* Assist in containerizing applications and managing containers using Kubernetes

IT Corporate Functions Intern

*Endo Pharmaceuticals, Malvern PA* May 2023 - August 2023

* Developed and maintained technical documentation for software applications and systems for end-users.
* Created data visualizations in excel from approximately 1000 data fields.
* Documented Microsoft Intune to assist the security team in finding a solution for browser extension management.
* Utilized Python to develop scripts for API integration and data manipulation.
* Reached out to stakeholders and delivered emails on supervisors' behalf.

Student Teacher

*Microsoft Teals Technology and Education Program*  September 2022 - May 2023

* Led Java programming lessons for AP Computer Science students

**Education**

Penn State University B.S Information Science and Technology (GPA 3.8) May 2024

Focus in Security Risk Analysis

**Projects**

Senior Capstone Project

* Sourced user requirements from students and faculty to create an updated student portal.
* Prototyped wireframe using Figma to create responsive user-friendly design.
* Created test scripts and ran usability tests with 10 students with 95% pass rate and improved effectiveness 20%.
* Presented final project to stakeholders and peers, and received an A+ for final grade

Network Traffic Anomaly Detection

* Used R programming to read network traffic csv file and create data models.
* Performed basic statistical analysis on the data.
* Created a ggplot2 graph to visualize the data.

**Relevant Skills**

* Programming Languages: Python, Java, C#, R, .Net
* Database Technologies: Tableau Software, SQL, Excel, Data Visualization
* Web Technologies: HTML, CSS, JavaScript, React, WordPress
* Project Management: Jira, Agile Development methodologies.
* Soft Skills: Technical Writing, Communication
* **Certifications: PCEP Python**

**Academic Achievements**

Presidents Freshman Award 2021

Coopers Honors Program 2020 - 2022