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## **SUMMARY**

Motivated recent graduate and certified AWS Solutions Architect. Has expertise in Python and a passion for software development and testing. Seeking a software engineering position to apply technical skills and drive impactful results. Committed to delivering efficient solutions and collaborating with teams using agile framework. Has hands on experience in all aspects of the software development lifecycle.

## **EDUCATION**

**University of Maryland, College Park**

**May 2023**

BS Computer Science

GPA: 4.00

## **SKILLS**

### **Programming Languages**

Python, C/C++, C#, Java, SQL, Dart, Golang, JavaScript, Typescript, Rust

### **Tools**

Git, Visual Studio, Atlassian Suite, Docker, Jenkins, Eclipse, Subversion, AWS

### **Operating Systems**

Windows, Linux

### **Certifications**

AWS Solutions Architect – Associates

## **RELEVANT EXPERIENCE**

**Pistevo Decision, Herndon VA.**

**Oct 2023 – Present**

Full Stack Engineer

- Lead Developer for app meant to monitor hospital patients social and economic needs
- Flutter development for front end on Android, iOS, and web
- Typescript development for backend with serverless architecture
- Use of Google Firestore and NoSQL databases

**US Naval Research Laboratory, Washington D.C.**

**July 2022 – June 2023**

Computer Science Intern

- Developed Python drivers for a variety of scientific instruments such as waveform generators, power supplies, etc.
- Used TCP and serial to communicate with devices
- Modified and extended the Pymasure library to include more instruments
- Created unit tests using the Pytest library

**The Neuromotor Control and Learning Lab UMD, College Park, MD.**

**Jan – May 2023**

Lead Developer

- Used Unity to develop a virtual testing environment for simulating interactive experiments
- Worked with customer to gather requirements and specifications
- Collaborated with a team of developers in an agile environment
- Wrote extensive documentation for software that was created
- Created webserver and endpoints to act as middleware between separate applications

**Advanced Simulation Technology Inc, Herndon, VA.**

**June – July 2022**

Computer Science Intern

- Modified automated test scripts to use in Jenkins Pipeline
- Utilized Golang for developing single sign on authentication with SAML
- Created service endpoints to API for developer use
- Added quality of life features to a Slackbot for internal testing
- Used C++ and OpenVR library for VR development

**Unity Game Development, Bethesda, MD.**

**July – August 2021**

Developer

- Used C# programming and Unity Framework to design multiple video games
- Gained experience in .NET Development and Visual Studio
- Worked with Git for version control
- Used self-imposed weekly deadlines for development

**Java Development, Bethesda, MD.**

**May – June 2021**

Developer

- Used Java to create a Discord Bot and Java Swing Framework to develop multiple games
- Focused on JUnit Testing for test coverage
- Gained experience in web server management and Linux

**Camel App Productions, Bethesda, MD.**

**Summer 2020**

Mobile App Developer

- Used Android Studio framework to create Mobile Apps
- Programmed in Dart and used Flutter Framework
- Became certified Google Play Store publisher