

# Diego Delgado

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## Junior Software Developer With 1+ Years Of Experience Working In The Federal Government

Dynamic, self-motivated Software Developer with a proven track record for requirement gathering, designing, and developing applications in a team environment. Experience at working on projects in an Agile environment and at all stages of the Software Development Life Cycle (SDLC) from idea to development to delivering completed products. Excels at learning new technologies and applying them to develop clean and well-structured software solutions for his employer's clients(s) as well as the local community with organizations such as Code for Philly which aim to promote developers and community officials to work in service with the local community and promote civic engagement.

### Technical Skills

- **Languages:** Python | Java | HTML5 | CSS3 | JavaScript | PHP | MATLAB
- **Frameworks:** Node | React | Angular | Material-UI | Bulma | Bootstrap | Flask | Spring Boot | Maven | J2EE |
- **Technologies:** AWS | Heroku | Jenkins | Git | Apache Spark | Docker | Kubernetes | Microservices | REST | TCP/IP | HTTP | JSON | jQuery | Jira | Confluence | Redmine | Bitbucket | JPA | Hibernate | Linux (Ubuntu, CentOS, Fedora)
- **Databases:** MySQL | MongoDB | AWS Dynamo DB | H2 | SQLite

### Work Experience

**Veracity Engineering**, Egg Harbor Township, NJ

*Software Tester*

06/2019 - 01/2020

- **Lead** in the development of an **Automated Testing CI/CD** pipeline using **Jenkins** in an **agile environment** for the Peabody web/mobile such as **functional testing, unit testing, regression testing, and visual testing** of the application and slashed the time it took to bring features/fixes to the field by **25%**.
- Participated in **daily scrums** and **collaborated** with the software team to implement any changes to the application and made sure to test these changes using the **Selenium Python** library to ensure they were correctly implemented.
- Created **comprehensive test documentation** in **Microsoft Word, Microsoft Excel, and Redmine**, such as **Traceability Matrices and Test Plans**, that reduced ambiguity and decreased the number of failed code commits by **20%**.

**Federal Aviation Administration**, Egg Harbor Township, NJ

*Junior Software Developer (Intern)*

06/2018 - 08/2018

- **Designed** data mining, analysis, and visualization algorithms utilizing MATLAB that decreased the part 107 waiver (i.e. the ability to pilot a drone that weighs 55lbs or less) approval process time by **20%**.
- **Contributed** to the development of the data communication feature of LAANC (Low Altitude Authorization and Notification Capability) by **developing microservices** using **Docker/Kubernetes** for **containerization** and **managing/monitoring deployments, Java Spring Boot, JPA, MySQL, React** and **AWS Federal Cloud** which established a **strong and secure connection** from the drone pilot to the UAS Data Exchange and FAA Air Traffic for **near-instantaneous** flight plan authorization.
- **Managed** the **Bitbucket Repository** for the data communication feature of LAANC as well **communicated** with other developers on developing/implementing **unit tests (JUnit)** using the platform **Jira** and **Confluence**.

### Education

- Bachelor of Science (B.S.) in Computer Science & Information Systems - May 2020 - Stockton University, Galloway NJ – **GPA: 3.29**
- Associates of Science (A.S.) in Computer Science & Information Systems - December 2017 - Atlantic Cape Community College, Mays Landing, NJ – **GPA: 3.6**
- Relevant Coursework: System Analysis & Design | Data Structures | Business Analytics | Computer Networking | Software Engineering & Security | Operating Systems | Data Mining & Knowledge Discovery