

Diego Delgado

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Profile

A Self-teaching, enthusiastic developer who is not afraid to take on challenges. Eager to contribute to team success through hard work, attention to detail, and excellent analytical problem-solving.

Technical Skills

Languages: Python, Java, HTML5, CSS3, JavaScript, PHP, C/C++

Frameworks: Node, Express, Electron, React, Svelte, Angular, Flask, Dash/Plotly, Scikit-Learn, Pandas, PySpark, Spring Boot, MVC, Maven, JUnit, Vaadin, Selenium, Bootstrap, Bulma, Material-UI, REST

Technologies: AWS Web Services, Heroku, Netlify, Azure, Redmine, JIRA, Jenkins, Apache Spark, Apache Kafka, Apache ActiveMQ, ELK Stack, Postman, JPA, JDBC

Project Design: Agile, Scrum, Bug/Defect Tracking, CI/CD, Version Control, Automated Testing, Git, Unit Tests, Microservice/Monolithic Application Development, Object-Oriented Programming, Linux Development

Databases: MySQL, SQLite, AWS RDS, AWS DynamoDB, MongoDB

Projects

Global Covid-19 Dashboard

(<https://master.d30wuvfk5j97tx.amplifyapp.com/>):

- Developed a Covid-19 Web Dashboard for global cases.
- The user can view a line chart of the cases, deaths, and recovered per day as well as by country.
- Built using React, Material-UI, and ChartJS.

Team Management App (<http://teammanagementapp-env.eba-fscembpb.us-east-1.elasticbeanstalk.com/>)

- Designed a team management application to help coaches manage their rowing teams.
- A coach can add rowers and see the distribution of rowers between the boats on the team.
- Built using Java Spring Boot, JPA, Spring Security, Maven, Vaadin, MySQL/H2, and AWS Elastic Beanstalk. Use "user" & "password" to log in.

AWS Reddit Analyzer (<https://reddit-diego.herokuapp.com/>):

- Built a data analysis application using an automated ETL pipeline to help produce a dashboard, that is updated every 30 min, of bullish & bearish sentiment in r/wallstreetbets.
- This application is mainly comprised of AWS Services (like Lambda Functions, DynamoDB, and AWS Comprehend) to help automate the ETL process.
- Built using Python, AWS Services, Dash/Plotly framework, and the PRAW API.

Soft Skills

- Ability to work under pressure with demanding deadlines.
- Excels in team environments and leading teams to success.
- Strong communication and analytical problem-solving skills.

Education

B.S. in Computer Science & Information Systems, Stockton University, Galloway, NJ - GPA: 3.29

January 2018 — May 2020

Relevant coursework: Web Application Engineering, Artificial Intelligence, Data Structures, and Business Analytics

A.S. in Computer Science & Information Systems, Atlantic Cape Community College, Mays Landing, NJ - GPA: 3.6

September 2016 – December 2017

Relevant coursework: Database Design Using Oracle and Statistics

Employment History

Software Tester at Veracity Engineering, Egg Harbor Township, NJ

June 2019 — January 2020

- Developed an automated testing environment using Jenkins and test scripts written in Python.
- Identified and tracked defects with Redmine and supported developers in resolving problems by completing additional tests.
- Contributed to daily scrum meetings with team updates.

Junior Software Developer at FAA Technical Center, Egg Harbor Township, NJ

June 2018 — August 2018

- Designed algorithms to gather, calculate, and display drone performance metrics (i.e. flight path conformance) in MATLAB to expedite the part 107 waiver approval process.
- Applied computational procedures and advanced mathematics in MATLAB.
- Developed a prototype of the data communication function of the UAS Traffic Management web application using Java, ActiveMQ, and web sockets.