

# WILLIAM TRING

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ORACLE®

Certified Associate

Java SE 8 Programmer

## OBJECTIVE

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A passionate and reliable software engineer, possessing a strong foundation in object-oriented programming, design and analysis of algorithms, and applied mathematics, offering 2 years of experience in full stack development, database management, and test automation.

Interested in a **Software Engineer** position that will allow me to utilize my programming and analytical skills to design innovative software solutions for remarkable and impactful projects.

## TECHNICAL SKILLS

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**Programming Languages** – Fluent in Java, Python, SQL, TypeScript, JavaScript, HTML/CSS, C++/C#, Shell Script

**Application Development Technologies** – Experienced with Java full stack development. Angular, JDBC, Maven, Hibernate, Spring, Jenkins, REST, Apache Tomcat, Servlets, AWS – (RDS, S3, EC2), Oracle SQL, HP ALM, Git, Linux, Agile

**Automated Testing** – JUnit5, Pytest, Cucumber, Selenium, Postman, Test Driven Development

## EDUCATION

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**Florida Atlantic University**

**Boca Raton, FL**

*Class of 2018*

∞ Bachelor of Science in **Computer Science**

∞ Programming Coursework: Design and Analysis of Algorithms, Artificial Intelligence, Python Programming, Formal Language and Automata Theory, Computational Math with Python, Database Structures, Cutting Edge Web Technologies, Matrix Theory

## EMPLOYMENT

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**Infosys**

**Los Angeles, CA**

*Associate Software Engineer*

*August 2019 – Present*

- Provided user requirements analysis, design, and testing support for enhancement of internal applications.
- Create and execute SQL queries in Oracle database to efficiently process and extract large amounts of data easily consisting of over 5 million records by reducing query execution time by up to 50%.
- Wrote Python scripts to reformat data in Excel sheets and automate data validation resulting in saving many hours as opposed to manual analysis.
- Provide detailed configuration, reproduction steps, and descriptions for defect tracking in HP ALM.
- Create and maintain documentation on test scenarios and execution.

**Revature**

**Morgantown, WV**

*Associate Software Engineer*

*March 2019 – August 2019*

- Developed robust applications by integrating front-end technologies HTML, CSS, Bootstrap, Angular, and AJAX, as well as, implementing server-side technologies Java, JDBC, Hibernate, Servlets, Oracle SQL, and Spring.
- Designed extensive testing encompassing all features of the application with JUnit5.
- Collaborated within team environments through Agile software development practices.
- Constructed build automation pipelines with Jenkins for DevOps continuous integration.
- Incorporated cloud computing software such as RDS (database), EC2 (cloud server), and S3 (host web application) from Amazon Web Services.

LinkedIn: <https://www.linkedin.com/in/william-tring-532516122/>

Portfolio: <https://willtring96.github.io/>