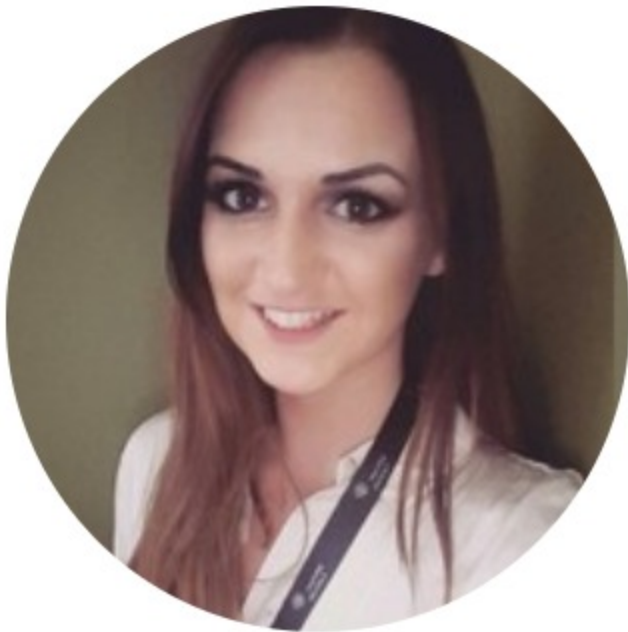# Linzi Nunes

Java/Automation Engineer

Skilled Java/EE Stack and Python Developer with particular interest in Automation, DevOps and AI (specifically Natural Language Processing). I have been a Software Engineer for 3 years. I have gained proficiency with a vast array of server-side technologies throughout my career such as Spring, T/SQL, Jenkins etc. I am also familiar with Infrastructure & DevOps tools such as AWS, Chef and Docker.

English, French	+1 (512) 739-7573	linzinunes@gmail.com	Austin, Texas
Languages	Phone Number	Email	Location

Work Experience

American Dynamics | 12/2016 ~ 08/2017

Software Automation Engineer

I was the project lead for automated testing of the client dashboard GUI for IP, Analog and Hybrid Camera systems. This required a full font end test suite and retrieval of data from the hardware for comparison of statistics. Took full ownership and initiative to implement an Agile methodology including completing full project analysis and estimating and reflecting this on TFS. I also jointly lead changeover from TFS source control to Git for improved productivity.

- Design and script QA automation framework using Python and Selenium WebDriver
- Automate end to end, integration, smoke, UAT, Business Verification (BVT) tests
- Work alongside Principal Product Developers to integrate BVT with the release process to facilitate automated installation, detect bugs and provide early feedback
- Design and implement build and release pipeline using Jenkins integrated with different product development branches
- Migrate full code base from TFS to Git, design branching model and provide training to all members of the team
- Initiative to move all manual QA process into automation using the framework and trained team members to use framework
- Configure and maintain PyPi server for code artefacts
- Design and implement automated versioning of Python artefacts
- Implement and drive an Agile approach to development within the team using SCRUM with Kanban. SCRUM master for the QA automation team

Version One | 09/2016 ~ 12/2016

Java Consultant

- Consultant for Pharamceuticals brand developing monitoring software for medication transportation.
- Exposure to technologies such as Oracle ADF, Java 8, JSF, Build tools such as Maven/Ant/Gradle, Spring, T/SQL, Jenkins etc.
- Technologies such as - Java 8, J2EE, Big Data tools – HaDoop, MapReduce, DevOps tools, Maven, JSF, virtualisation, Spring/Hibernate, Ruby, Python

CitiGroup Inc. | 09/2015 ~ 09/2016

IT Graduate Associate

I developed the application which was responsible for caputring all of Citi's Derivitive trades worldwide. This was an extremely important time sensitive app. Development followed very strict guidlines which allowed me to learn best practices very early in my career and focus on design patterns. During the first 12 weeks I Graduated from the Citi technology academy, which is a world renowned very intense training schedule to hone development skills for a working environment. Courses included - Linux, Python, Java, Java EE, HTML, SQL, Capital Markets Culminating in a 3 week project to deveop a full stack trading app.

- Part of Derivatives Trade Processing team developing critical worldwide software to allow for trades to be submitted/processed
- Core development in Java implementing advanced logic such as validation rules and business logic
- OO Development
- Deciding the best approach to effectively solve a problem in a configurable manner
- Using fixture builders
- BDD and TDD, Developer Testing
- Using supporting technologies such as Spring framework, SQL, XML, REST, test harnesses
- Linux boxes to access different environments
- SVN/GitHub

Marks and Spencer Plc. | 10/2009 ~ 08/2015

Visual Stylist-Merchandiser

Education

Ulster University | 09/2014 ~ 06/2015

MSc Professional Software Development with Distinction

Project: Development of a compositional search engine implemented using Python, PHP, MySQL and HTML5

Semeseter 1	Semester 2	Semester 3
Software Development I: 71%	Database Systems: 76%	Independant Project: 71%
Computer Hardware: 75%	Concurrent Systems: 69%	
Operating Systems: 74%	Data Structures: 68%	
Software Development II: 73%	Mobile Apps: 79%	

Ulster University | 09/2011 ~ 06/2014

BSc Language and Linguistics with First Class Honors

- Problem Solving using compositional approach
- Syntax, Semantics, Acquisition, Analysis, Communication, Research
- Statistics
- Semantic Dissertation on child acquisition patterns

Awards

- Scholarship from Department for Education and Learning (DEL) Northern Ireland for Masters Degree
  - Top 15 Ranked Student out of 120 in class to gain Tuition payments from DEL.

Development Skills

- Object Oriented Development/Fundamentals
- Java 8/EE, Spring Integration/Core, JDBC, JSF, XML, ReST/SOAP, Maven, EJB
- DBMS (Oracle), T/SQL
- Python
- JUnit, Mockito, Fixture Builders, EasyMock, TDD, BDD, Integration testing using Spring
- Agile Methodologies – SCRUM and Kanban
- Confluence, Jira, TeamCity, Jenkins, UDeploy, Maven, Sonar
- WebLogic, Tomcat, jBoss
- SVN/GitHub/BitBucket/TFS
- Linux, BASH
- HTML5, CSS and JavaScript
- VMWare/ VirtualBox

Profile Links

- Webpack, Pug and CSS Resume Project: https://github.com/LinziNunes/resume
- https://www.linkedin.com/in/linzi-nunes/

Technological Aspirations

- Natural Language Processing
- Artificial Intelligence
- Big Data, Data Mining
- Automation