Facundo Guerrero

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Professional Profile

Software Engineer graduated from Universidad de Buenos Aires, Argentina. I consider myself a proactive, self-taught and responsible person. I like team-work, learning from others and sharing my knowledge. I am looking for new challenges that will allow me to grow personally and professionally.

Software Engineer

February 2019 - Present

Despegar.com
Software Engineer within a six people team in charge of maintaining the Header, Footer and Search Box of the Despegar website using Java in conjunction with Spring as core technologies for the Back-End and ReactJS for the Front-End. My responsibilities in the development of the features include the phases of analysis, developing, testing, deploying and monitoring.
In addition to this, I performed a Jenkins integration in one of the team's applications and I'm responsible for its maintenance. Also, I participate in the complete development process of an application that contains end-to-end tests with Selenium Web Driver.
I am currently in charge of re-designing and implementing a wide company resource management application, which is consumed by many different teams. This includes the survey and management of new requirements as well as the development of technical tasks.
Also, I am responsible for the management and maintenance of Despegar.com's login application using Java in conjunction with Spring as core technologies for Back-End, ReactJS for Front-End and Kotlin for the testing module.

May 2018 - February 2019

Avature
Software Engineer in the Web Sources team, where the back-end of the web application is performed. My main responsibility was to replicate the behaviour of different sites that are used to recruit people.

Skills

Spanish, English.

Programming
Java, JavaScript, Kotlin, HTML, CSS, Python, C, C++, Node.js.

Technologies
ReactJS, Webpack, Spring, MVN, Selenium, Jenkins, Flask, MongoDB, Docker, gUnicorn, SQL, Jupyter Notebooks, Pandas, Android.
Linux, Git, JIRA, New Relic.

Others
Object oriented development, Design Patterns, REST, Microservice architecture, Agile development, SCRUM, Continuous Integration, Continuous Deployment, Big Data Analysis, Machine Learning.

(3+ years, 1-3 years, Less than a year)

Education

2014 - 2020

Software Engineering, *Facultad de Ingeniería*, Universidad de Buenos Aires (UBA), Argentina.
Concluded on September 2020. GPA: 7.47/10

2016 - Present

Inglés, *Wall Street English* , Argentina .
Level 15/20. CEFR B2 Milestone.

Software Engineering Final Work

May 2019 - November 2019

Real-Time analysis of the Argentinian Presidential campaign 2019 on Twitter
During the whole project more than 770 million Tweets, 9.5 million users and 4.5 million Hashtags were processed. The project was split into two main modules: Back-End and Front-End.
● The Back-End module was implemented in Python. It was in charge of retrieving, processing and analyzing real-time downloaded data from Twitter, in order to generate metrics to display on the Front-End. In order to generate those metrics, it was necessary to generate and analyze a Re-Tweet network, a Hashtags' co-ocurrence graph and similarity between users.
●The Front-End module was implemented in ReactJS. It was in charge of consuming the Back-End generated metrics and generating visualizations to help analyze qualitative and quantitative data and metrics.