

# 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

- July 2021 - **PayPal, Remote**  
Present Software Engineer within a six people team which is involved in the giftcards' purchase and exchange experience. Java in conjunction with Spring are used as core technologies for the Back-End and Node JS for the Front-End. My responsibilities in the development of the features included the phases of analysis, developing, testing, deploying and monitoring.
- March 2021 - **Teaching Assistant, Facultad de Ingeniería, Universidad de Buenos Aires (UBA), Argentina.**  
- November 2021 Teaching Assistant in Algorithms and Programming I.
- February 2021 - **Moove IT, Uruguay**  
July 2021 Software Engineer within a five people team assigned to Vooks project, in which Agile methodologies are used. NodeJS in conjunction with Postgres are used as core technologies for the Back-End and ReactJS for the Front-End.
- February 2019 - **Despegar.com, Argentina**  
February 2021 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.  
Also, I was 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.
- June 2020 - **Omilen Solutions IT, Argentina**  
December 2020 Software Engineer within a three people team in charge of designing and building a scouting system for the basketball's national league.
- May 2018 - **Avature, Argentina**  
February 2019 Software Engineer in the Web Sources team, where the Back-End of the web application is performed using Java. My main responsibility was to replicate the behaviour of different sites that are used to recruit people.

## Skills

- Programming **Java, JavaScript, Kotlin, HTML, CSS, Python, Node.js.**
- Technologies **ReactJS, Webpack, Spring, MVN, Jenkins, Flask, MongoDB, PostgreSQL, Docker, Kubernetes, gUnicorn, SQL, Jupyter Notebooks.**  
**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 - **English, Wall Street English, Argentina**  
Present CEFR C1 Milestone.

## Software Engineering Final Work

May 2019 - **Real-Time analysis of the Argentinian Presidential campaign 2019 on Twitter**

November 2019 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-occurrence 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.