

Andrés Fernando Barón

Sandoval

Tel : (+57)3154108004

Email : andres.baron96@hotmail.com

www.linkedin.com/in/andres-baron76/



Professional Profile

Mechanical Engineer from Universidad de los Andes. I am characterized by my great creativity and innovation, excellent personal relationships and teamwork. Complementary studies in English and German. Extensive knowledge in computational tools such as R and Python applied to machine learning and deep learning models focused on business analytics, extensive knowledge in web development.

STUDIES

2021
Bogotá - Colombia **MasterTrack Principles of Automated and Agile Software Engineering.**
Universidad de los Andes

2020
Bogotá - Colombia **Diploma in Big Data and Business Analytics**
Universidad de la Sabana

2020
Bogotá - Colombia **Mechanical Engineer**
Universidad de los Andes

2015
Bournemouth - UK **Administration and entrepreneurship in business**
Beet Language School of Bournemouth

2013
Bogotá - Colombia **High School Diploma (Best student graduated)**
Liceo Cervantes el Retiro

Languages :
Spanish : Native
English : Advanced (C1)
German : Intermediate (B1)

Skills : Python, R, RStudio, HTML, Javascript, C#, Vue Js, Flask, Node Js, Power Bi, Visual Basic, SQL, CSS, Bootstrap, Inventor, Microsoft Office, Matlab, Linux.

WORK EXPERIENCE

Apr. – Current. 2020
Bogotá, Colombia **Serlefin BPO & O**
Innovation Engineer

- Development and implementation of voicebots powered by artificial intelligence to perform collection functions for different financial entities.
- Implementation of automations, Front-end and Back-end developments for the management of data acquisition for analysis in the business strategy.

Nov.2020 – Actual. 2021
Bogotá, Colombia **Serlefin BPO & O**
Software Engineer

- Development of Fullstack projects using agile methodologies and continuous integration to solve business model needs.
- Design of relational database models, for later integration to Back-end technologies.

- Integration of API technologies designed in MVC, focused on data acquisition for the areas of human resources and telecommunications.

Courses, Seminars and Certifications

- **Big Data Analytics : Opportunities, challenges and the Future**
Griffit University – Queensland, Australia.
- **Convolutional Neuronal Networks**
Deep Learning.AI
- **IT Ethics**
Charles Sturt University – Bathurst, Australia.
- **SQL for Data Science**
California University – California, United States.
- **Structuring Machine Learning Projects**
Deep Learning.AI
- **Improving Deep Neuronal Networks : Hyperparameter tuning, Regularization And Optimization.**
Deep Learning.AI
- **Programming Foundations with JavaScript, HTML and CSS**
Duke University – Carolina del Norte, United States.
- **Google Cloud Plataform Big data and Machine Learning fundamentals**
Google
- **Google Cloud Platform Fundamentals : Core Infraestructure**
Google
- **Entrepreneurship : From business idea to action**
King's College London – London, United Kingdom.
- **Data Analytics for decision making using Excel**
Bond University – Gold Coast, Australia.
- **Introduction to Business Management**
King's College London – London, United Kingdom.
- **Estrutura e Funcionamento das Redes de Computadores**
Google
- **Architecting with Google Kubernetes Engine**
Google
- **Business Futures : Sustainable Business throught green HR**
RMIT University – Melbourne, Australia.
- **Building Conversational experiences with Dialogflow**
Google Cloud Plataform Certified
- **Introduction to Business Management**
King's College London – London, United Kingdom.
- **Professional Certificate Automation with Python**
Google
- **Learn c# from zero to expert**
Udemy
- **Git + GitHub for Open source Collaboration**
Coursera
- **Introduction to UML**
Universidad de los Andes – Bogotá, Colombia.
- **Scrum Foundations Professional Certificate (SFPC)**
Certiprof
- **Retrieving, Processing, and Visualizing Data with Python**
University of Michigan – Michigan, Estados Unidos
- **Python Data Structures**
University of Michigan – Michigan, Estados Unidos
- **Using Databases with Python**

- University of Michigan – Michigan, Estados Unidos
- **Using Python to Access Web Data**
University of Michigan – Michigan, Estados Unidos
- **Interactivity with Javascript**
University of Michigan – Michigan, Estados Unidos

PUBLICATIONS

15 Jun 2020
Bogotá, Colombia

The importance of data and privacy.

El Espectador

Publication in the newspaper El Espectador about the importance and value of data in the digital age.

14 Jul 2020
Bogotá, Colombia

Artificial intelligence among us.

El Espectador

Publication in the newspaper El Espectador, about the contribution of artificial intelligence in our society.

20 Nov 2020
Bogotá, Colombia

Webscrapping to El Tiempo newspaper using Python

Medium

Descriptive project of the use of webscrapping as a tool for the acquisition of unstructured data.

FORMACIONES ADICIONALES E INTERESES
