

Esteban Foronda

SOFTWARE ENGINEER · FULL STACK DEVELOPER

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Skills & Knowledge

Python · Django · C++ · Java · SQL · JavaScript · React · Problem Solving · Data Structures · Algorithms · Microservices · Continuous Integration · Continuous Delivery · AWS · Docker · CircleCI · Leadership · Collaborative Work · Git · Scrum · \LaTeX · Microsoft Windows · OSX · Linux

Honors & Awards

2017 - 2020	Coach	South-American International Programming Contest	<i>Bogotá, Colombia</i>
2017 - 2020	Coach	Colombian National Programming Contest	<i>Medellín, Colombia</i>
2016	6th place out of 58 teams	South-American International Programming Contest	<i>Bogotá, Colombia</i>
2016	5th place out of 110 teams	30th Colombian National Programming Contest	<i>Medellín, Colombia</i>
2015	11th place out of 71 teams	South-American International Programming Contest	<i>Bogotá, Colombia</i>
2015	10th place out of 102 teams	29th Colombian National Programming Contest	<i>Medellín, Colombia</i>
2014	20th place out of 70 teams	South-American International Programming Contest	<i>Bogotá, Colombia</i>
2014	10th place out of 84 teams	28th Colombian National Programming Contest	<i>Medellín, Colombia</i>







Experience & Projects

AI Fund

FULL STACK DEVELOPER

Remote

July 2019 - PRESENT


- Be part of a whole new way to build start-ups and work on hard technical challenges.
- Learnt new technologies to achieve **fast and better results**
- Built and shipped production-ready grade software on a weekly basis.
- Used **algorithms and data structures** to improve performance of the application
- Integrated with other disciplines like ML and AI in order to build a better product
- Created, designed and supported the application from the conception of the idea to the whole implementation
- Adapted to start-up speed, doing changes and new functionalities in the fastest and best possible way
- Created and defined ways to keep improving our code and our development time
- Lead groups inside the company to improve skills like **Algorithms, Architecture** and **ML Knowledge**
- Created general components supported on **architecture** in order to make the development process easier
- Take the **lead** in some development processes
- **Back-End:** Python ·  · Django · **dj**
- **Front-End:** React · 
- **Mobile:** React-Native · 
- **Architecture:** AWS ·  · CircleCI ·  · Git · 
- **Zest - Health Application** · Help users to improve their health through AI, ML, Technology and Psychology.

Endava

SENIOR DEVELOPER

Medellín, Colombia

Feb 2018 - July 2019





- Produced high-quality software that was unit tested, code reviewed, and checked regularly via continuous integration.
- Designed, Developed and Supported Django Applications
- Clearly communicated with the client to achieve a soft and outstanding development process.
- Improved the functionality, time response of applications using Patterns, Clean Architecture and Algorithms
- **Back-End:** Python ·  · Django · **dj**
- **Indeed** · Allows post-sale team to track and have more accurate information so they could take better decisions ·

Seven4N

Medellín, Colombia

SOFTWARE DEVELOPER

Jan 2017 - Feb 2018







- Designed, developed and supported **Back-End** and **Front-End** applications
- Took part of the **Pipeline** conception, creation and execution process
- Created scripts to **take care of the code quality**
- Improved the **time complexity** of the most critical algorithms, reducing their times from **hours to seconds**
- **Back-End:** Scala · 
- **Front-End:** Angular · 
- **Scripting:** Shell Scripting (Linux and Windows) ·  · Git Hooks · 
- **Sura - Insurance Company** · Rebuild and create new functionalities for the core software of the company ·

Ceiba Software

Medellín, Colombia

SOFTWARE ARCHITECT / MOBILE DEVELOPER

2015 - 2017



- Designed, developed and supported **Mobile**, **Front-End** and **Back-End** applications
- Created generic components that made easier to mix technologies like Xamarin and Android in order to improve **development time**
- Participated in a six-month internship program that was done in the company.
- **Back-End:** Java ·  · SpringBoot · 
- **Front-End:** JSP · CSS ·  · HTML · 
- **Mobile:** Android ·  · Xamarin · Titanium
- **Scripting:** Shell Scripting · 
- **EMI - Health Software** · Created new functionalities for the main application used by all the doctors in the company
- **Inner Projects** · Created new general tools to **improve development time** of all the area
- **RapiCredit - Bank Loans App** · Allows users to ask for credits in an easier and more secure way

EAFIT University

Medellín, Colombia

TEACHER ASSISTANT IN DATA STRUCTURES AND ALGORITHMS II

January 2015 - June 2015

- Taught students about data structures such as maps, sets, trees, queues, stacks, and lists.
- Explained common computer science algorithms for graphs, dynamic programming, pattern matching, and ad-hoc solutions.
- **Languages:** C++ ·  · Java · 

IdeasLab

Medellín, Colombia

ANDROID JUNIOR DEVELOPER

July 2013 - June 2014

- Learned Android SDK basics and implemented simple Android applications.
- Gained a basic knowledge set about graphic Android components and RESTful API usage from an Android app.
- Management of data from Web Services to Mobile Databases

Education

EAFIT University

Medellín, Colombia

B.S. IN COMPUTER SCIENCE (SOFTWARE ENGINEERING)

January 2012 - December 2016

- Final GPA 4.40 out of 5.0

Extracurricular Activity & Volunteer Experience

Competitive Programming Seminar - EAFIT University

Medellín, Colombia

COACH

January 2017 - PRESENT

- Create programming teams and help them to improve their abilities in order to do a better job the international programming contests

Competitive Programming Seminar - EAFIT University

Medellín, Colombia

STUDENT COORDINATOR AND LECTURER

January 2014 - PRESENT

- Coordinated students and lectured several computer science topics involved in competitive programming contests, such as dynamic programming, pattern matching, and data structures like maps, sets, graphs, queues and heaps.
- Participated and organized several programming competitions.

Languages

Spanish Native

English Advanced