Esteban **Foronda**

SOFTWARE ENGINEER · FULL STACK DEVELOPER

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Skills & Knowledge

Python · Django · C++ · Go · Kubernetes · Docker · 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 · OS X · Linux

Honors & Awards

2017 - 2021	**Coach**	South-American International Programming Contest	*Bogotá, Colombia*
2017 - 2020	**Coach**	Colombian National Programming Contest	*Medellin, Colombia*
2016	**6th place** out of 58 teams	South-American International Programming Contest	*Bogotá, Colombia*
2016	**5th place** out of 110 teams	30th Colombian National Programming Contest	*Medellín, Colombia*
2015	**11th place** out of 71 teams	South-American International Programming Contest	*Bogotá, Colombia*
2015	**10th place** out of 102 teams	29th Colombian National Programming Contest	*Medellín, Colombia*
2014	**20th place** out of 70 teams	South-American International Programming Contest	*Bogotá, Colombia*
2014	**10th place** out of 84 teams	28th Colombian National Programming Contest	*Medellín, Colombia*

Experience & Projects

VMware
Remote

SENIOR STAFF ENGINEER · *Feb 2021 - Present*

- Worked on Opens Source Tools, in particular on pipeline and workflow tools for automating tasks (used internally in the company and by external users)
- Focused on creating quality code and maintaining code from the community
- Used **algorithms** to improve functionalities of the application
- **Back-End**: Go · GO
- **Front-End**: Elm ·
- **Architecture**: Concourse ·
  Concourse · Help programmers to create big and flexible pipelines!

AI Fund
Remote

FULL STACK DEVELOPER · *July 2019 - Feb 2021*

- 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
- Lead groups inside the company to improve skills like **Algorithms**
- Take the **lead** in the development processes
- **Back-End**: Python · · Django · **dj**
- **Front-End**: React ·
- **Mobile**: React-Native ·
- **Architecture**: AWS · aws · CircleCI · · Git ·
  Zest - Health Application · Help users to improve their health through AI, ML, Technology and Psychology.

Endava
Medellín, Colombia

SENIOR DEVELOPER · *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**, **Fron-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