Esteban Foronda Sierra

1 Personal Data

Place and Date of Birth:	Colombia | November 2nd 1994
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Github:	https://github.com/EstebanFS

2 Interests / Hobbies

Coding, Teaching, Competitive Programming, Learning. |

3 Education

Current studies:	Systems Engineering, Computer Science
University:	**EAFIT University**(Medellín, Colombia)
Graduation date:	2012-2016
Current Cumulative (GPA):	4.40(5.0 scale)
Organizations:	Competitive Programming Seminar.

4 Skills and Tools

- **Proficient:** Algorithmic thinking, Problem solving.
- **Advanced:** C++, Java.
- **Moderate:** Scala, Python, Django, MySQL, JavaScript.
- **Tools & Others:** Git, Atom, Scrum, Latex, Jenkins.
- **Operating Systems:** Linux, OS X.

5 Work Experience

2018 - PRESENT | Senior Developer at **Endava**.

- Design, Develop and Support **Django** Applications.
- Improve the functionality of applications using Patterns, Clean Architecture and Algorithms.
    - **Back-End:** Python - Django

2017 - 2018 | Sotware Developer at **Seven4N**.

- Designed, Developed and Supported both sides, **Back-End** and **Front-End**.
- Took part of the **Pipeline** configuration process.
- Created Scripts that **take care of code quality and testing**.
- Improved the **complexity** of some critical algorithms, **reducing their times from hours to minutes**.
    - **Back-End:** Scala
    - **Front-End:** Angular
    - **Scripting:** Shell Scripting and Git hooks.

2015 - 2016 | Mobile Developer at **Ceiba Software**.

1. **EMI - Health Software**:
    - Designed, Developed and Supported both **Mobile** and **Back-End**
    - Reduced the numbers of errors produced by data in around **90%**
        - **Mobile Technology:** Titanium - Appcelerator Android version.
        - **Back-End:** Java.
2. **Intern Projects**:
    - Created generic components that made easier to mix technologies or to work with some specific ones in order to **improve development time**.
        - **Mobile Technologies:** Android, Xamarin.
        - **WebServices:** SprintBoot.
        - **Desktop:** Shell Scripting.
3. **Rapicredit - Bank Loans App**:
    - Designed, Developed and Supported **Back-End**, **Front-End** and **Android App**.
        - **Mobile technology:** Android.
        - **Back-End** Java, Spring, LDAP, WSO2.
        - **Front-End** JSP, CSS, HTML.

2013 - 2014 | Mobile Developer at **IdeasLab.**
Duing was a social application for **Android** similar of Twitter.

- Focused mainly in the **management of data** from Web Services and **mobile databases**

6 Contests

Latin America.

- *2018* - **Coach *ACM-ICPC*** South America-North Finals Programming Contest.
- *2017* - **Coach *ACM-ICPC*** South America-North Finals Programming Contest.
- *2016* - **14th Place *ACM-ICPC*** South America-North Finals Programming Contest.
- *2015* - **11th Place *ACM-ICPC*** South America-North Finals Programming Contest.
- *2014* - **20th Place *ACM-ICPC*** South America-North Finals Programming Contest.

Colombia.

- *2018* - **Coach *ACIS REDIS*** Colombian Programming Contest.
- *2017* - **Coach *ACIS REDIS*** Colombian Programming Contest.
- *2016* - **5th Place *ACIS REDIS*** Colombian Programming Contest.
- *2015* - **10th Place *ACIS REDIS*** Colombian Programming Contest.
- *2014* - **10th Place *ACIS REDIS*** Colombian Programming Contest.
- *2012* - **Honorable Mention *ACIS REDIS*** Colombian Programming Contest.

- *Participated on National Competitive Programming Organizations*
    - Colombian Collegiate Programming League.
    - Red de Programacion Competitiva.
- *Participant of Online Judges Competitions and Events*
    - Google Code Jam.
    - Facebook Hacker Cup.
    - *Judges:* *Hackerrank*, *Codefights*, *Uva*
    - *Handle:* **EstebanFS**
- *Find some of those solutions in the Competitive Programming repository on my* **Github!**

7 Extracurricular Activities

- **Competitive Programming Seminar - EAFIT University**
  Coach
  January 2017 - Present

  - Create teams and help them to improve their abilities in order to make a better job on the programming contests.

- **Competitive Programming Seminar - EAFIT University**
  Lecturer
  January 2014 - Present

  - Explain and teach some Algorithms topics, problems, and Solutions. Those topics include graphs, dynamic programming, greedy algorithms, etc.

  - Help to introduce new people to competitive programming.

- **"Data Structures and Algorithms II" - EAFIT University**
  Teacher Assistant:
  January 2015 - June 2015 (Six Months)

  - Helped students to understand algorithms.

  - Explain why algorithms are really important and how to pass theory into practice.

  - Topics included graphs, algorithms complexity, search of patterns, dynamic programming, optimization, etc.

8 Extra-Curricular Courses

- Data Structures and Algorithms - **Coursera Specialization**
  - **Algorithmic Toolbox** & **Data Structures**
  - **Algorithms on Graphs** & **Algorithms on Strings**
  - Find more information in the following link : **Data Structures And Algorithms Specialization**
- **Certified Scrum Developer (CSD)**

9 Languages

- **Spanish:** Native (Colombia)
- **English:** Advanced.