

David Mauricio Delgado Ruiz

PERSONAL INFO

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Languages: Spanish(Native), English(Advanced), Portuguese (Intermediate)

EDUCATION

- [7/14 - present] Universidad de los Andes – Bogotá
Systems and Computing Engineering
Expected Graduation date: November 2018
Cumulative GPA: 4.26/5
- [5/16 - 7/16] Introduction to DevOps - Microsoft

RELEVANT PROJECTS

- **Mentira-Verdad** (In Progress) Application that let people decide if what our politicians say on social networks its true or not. NodeJS, Express, MongoDB, Angular.
- **Well-Col** (team project). Application for storing information and monitoring emergencies a petroleum wells network. NodeJS, Express, PostgreSQL and Angular. Future client for Android.
- **PuertoAndes** (2016). Application for storage, management and analysis of a port network. Database with tables with more than 2 million rows. Oracle11g, Java JDBC, SQLDeveloper.
- **Unitrip** (2016). Web application that allows users to plan your holidays. Users can create schedules, stops and events. Java EE, Angular.
- **CCT** (2015) Application for finding shortest/cheapest/ routes for package delivery in Bogotá, Colombia using shortest path, Dijkstra and other graph algorithms. Java.

WORK EXPERIENCE

- [01/17 – today] **Research Assistant – Universidad de los Andes**
- Currently support the implementation of a secure scheme of communication for Body Area Networks.
- [7/15 - 12/15] **Teacher Assistant - Discrete Mathematics**
- Graded assignments and provided feedback to 40 students weekly.
 - Facilitated discussion sections before exams.

[2/15 - 7/15]

Programming teacher at Cupitaller

- Taught course materials from the *Object Oriented Programming and Algorithms 1* and 2 to students with conceptual and implementation difficulties in programming concepts using Java.
- Got highly positive reviews both from my employer and my students (4.5+/5.0)

[7/11 – 8/16]

Mathematics and Physics Teacher

- Taught Math and Physics to students with difficulties in grades 6th, 7th, 8th, 9th and 10th.
- Got highly positive reviews from both parents and students, who requested private tutoring and mentorship.

AWARDS AND ACHIEVEMENTS

- **1st place** out of 1000 in the Colombian standardized tests(ICFES) **(2013)**
- **Desarrollo del Talento en TI (Development of IT talent) Scholarship** that covers full tuition for undergraduate studies at Universidad de los Andes, Colombian Ministry of Information Technology and Communications **(2014)**

TECHNICAL SKILLS

Java. JavaScript, NodeJS and HTML/CSS. Comfortable with SQL and have worked with Oracle11g, MongoDB and PostgreSQL; Familiar with Ruby and Python. Git