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Torre 2
Bogotá, Colombia

DAVID MAURICIO DELGADO RUIZ

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EMPLOYMENT

Teacher Assistant – Discrete Mathematics   **Universidad de los Andes**   **Fall 2015**
- Graded assignments and provided feedback to 40 students weekly.
- Facilitated discussion sections before exams.

Programming Teacher at Cupitaller   **Universidad de los Andes**   **Spring 2015**
- Taught course materials from the *Object Oriented Programming and Algorithms 1* and *2* (APO 1 and 2) to students using Java. with conceptual and implementation difficulties in programming concepts using Java.
- Taught more advanced students taking APO 1 or 2 different java application development techniques, patterns and architectures in Java.
- Got highly positive reviews both from my employer and my students (4.5+/5.0)

Mathematics and Physics Teacher   **Liceo Navarra**   **Fall 2011 – Spring 2015**
- 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.

EDUCATION

Bogotá, Colombia   **Universidad de los Andes**   **Fall 2014 – Fall 2018**
- B.S.E. in Systems and Computing Engineering. Expected Graduation date: November 2018. GPA: 4.24/5.
- Favorite courses: Discrete Mathematics, Data Structures, Database Systems; Design and Analysis of Algorithms; Team Software Development.
- Current Curses: Enterprise Architecture (Business side of IT); Software Architecture; Computer Infrastructure, Calculus III.

TECHNICAL EXPERIENCE

Projects
- **CCT** (2015) Application for finding shortest/cheapest/ routes for package delivery in Bogotá, Colombia using shortest path, Dijkstra and other graph algorithms. Java
- **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, AngularJS
- **Well-Col** (In progress, team project). Application for storing information and monitoring emergencies a petroleum wells network. NodeJS, Express, MongoDB and Angular. Future client for Android.

ADDITIONAL EXPERIENCE AND AWARDS

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

Languages and Technologies
- Java, C; SQL, Oracle11g; JavaScript, NodeJS, HTML, CSS; Git