



Julian Bermudez Noguera

PERSONAL INFORMATION

September 23, 1988
Bogota, Colombia
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OBJECTIVE

Discover, Learn, Inspire, Explore, Educate and Apply my knowledge for the better use of a reality we often take for granted.

EDUCATION

Bachelor Degree in Physics

Universidad de los Andes
June 2014

Bachelor Degree in Mechanical Engineering

Universidad de los Andes
June 2014

Minor Degree in Music Recording Techniques

Universidad de los Andes
June 2014

High School Graduate

Colegio Nueva Granada
June 2007

EXPERIENCE

Electromagnetism

Teacher's Assistant

2013-1, Universidad de los Andes

- Help students develop tools on the electromagnetic theory.
- Assist the teacher on grading homework and exams.

Thermodynamics

Teacher's Assistant

2013-1, Universidad de los Andes

- Help students develop tools on thermodynamics.
- Assist the teacher on grading homework and exams.

Physics II*Teacher's Assistant*

2012-2, Universidad de los Andes

- Help students understand the concepts of physics II. These include: Thermodynamics, fluid mechanics, electricity and magnetism.
- Assist the teacher on grading homework and exams.

Problem's Clinic*Teacher's Assistant*

2010-2 to 2012-2, Universidad de los Andes

- Help students solve problems in the basic areas of physics. These include: Physics I, Physics II, Waves and Oscillations, Calculus, Fluid Mechanics, Statics and Materials.
- Interact on a personal level with the students until they have solved their difficulties.

Tijuana Joe's*Waiter*

Summer 2008, Atlanta, Georgia

- Mexican Restaurant
- Wait tables.
- Help in the Bar

LANGUAGES**Spanish***Primary Language**Level: C2***English***Secondary Language**Level: C2***German***Learning Language**Level: A1*

**SKILLS AND
COMPETENCE*****Social***

- *Active Listener*
- *Helping others*
- *Respectful*
- *Trustworthy*

Organizational

- *Multitasking*
- *Rational and Analytical Reasoning*
- *Decision Making*
- *Staying on task*

Technical

- Problem Solving
- Skilled at calculating and evaluating data.
- Ability to prioritize, learn, demonstrate, correspond, and sort priorities.
- Ability to plan, measure, weigh, program, or repair equipment.
- Quick Learning
- Time Management
- Skilled at Tutoring
- Able to work inside or outside, long hours.

Computer

- Microsoft Office
- LaTeX
- MATLAB
- ANSYS
- IBM SPSS Statistics
- Solid Edge
- Inventor
- C++
- Python
- Sonar 7
- Pro Tools
- Adobe Photoshop CS4
- Microsoft Flight Simulator

Other

- Basketball
- Swimming
- Alternative Rock Band

EXTRA- CURRICULAR ACTIVITIES

Elected Student Council Representative

Physics and Geoscience Department

2012-2013

Guide and participate in the departments duties such as meetings, events, curriculums and ideas.

Elected President of the ASME Student Section

Mechanical Engineering Student Section

2010-2012

Help the group grow with people and projects.

Host the 2011 SPDC (Student Professional Development Conference).

Innovate with new ideas such as:

- RDC (Rapid Design Contest)
- HPV (human Powered Vehicle)
- Interdepartmental Tournaments.

- *Special Engineering Projects in Energy Conversion and Thermodynamics, Mechanism Design or Fluid Dynamics.*

Participated in the SPDC

Student Professional Development Conference

April 2011

Topics on:

- *Wind Energy*
- *Virtual Training*
- *Structural Integrity*
- *Clean Energy Generation From Biomass*
- *Cartagena Refinery Expansion*
- *Two Mode Hybrid Vehicle Chevrolet*