

Julio César

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EDUCATION

COOPERATIVE UNIVERSITY OF COLOMBIA

B.A IN SYSTEM ENGINEERING

GPA: 4.1/5.0

2013 to 2018 | Montería, CO

- **Dean's list:** One of the best GPAs of the faculty and excellent scores in research contests.
- **Activities:** Academic faculty council, Research fellow, Teacher Assistant.

UNIVERSITY OF MONTERREY ACADEMIC EXCHANGE IN COMPUTER TECHNOLOGY ENGINEERING

GPA: 4.7/5.0

Jan to May 2017 | Monterrey, MX

- Component-based and web development.
- Embedded applications, IT security, Interdisciplinary Project.
- Business Opportunities, Transformational Leadership.

PLATZI

SOFTWARE DEVELOPMENT COURSES

Dec 2014 to Jul 2015 | Online

- Front-end Professional, HTML5 and CSS3.
- Web Responsive Design, Javascript.
- JQuery and Angular JS.

SKILLS

Tools: Trello, BaseCamp, Slack, Google G Suite, Matlab.

Technical: Git, Python, Django, Flask, Sphinx, Java, Android, JavaScript, Nodejs, Docker, NGinx, HTML/CSS, C++, Firebase, Postgres, MongoDB, Redis, Linux, Arduino, Raspberry Pi.

LINKS

[github.com/ juliocesar-io](https://github.com/juliocesar-io)
[linkedin.com/in/ juliocesar-io](https://linkedin.com/in/juliocesar-io)
[platzi.com/ juliocesar_io](https://platzi.com/juliocesar_io)
[slides.com/ juliocesar_io](https://slides.com/juliocesar_io)
[juliocesar.io/ blog](https://juliocesar.io/blog)

EXPERIENCE

GLOBINN | Co-FOUNDER & CEO

Nov 2015 – Present | Montería, CO

- Joined the first employees and setting up the culture and vision for the company.
- Led a team of seven developers, building one SaaS product, two Android applications, and four custom software solutions.

SECBI RESEARCH GROUP | RESEARCH FELLOW & TEAM LEADER

Jan 2015 – Oct 2017 | Montería, CO

- Trained colleagues two hours per week on Backend and Frontend development through team-work and workshops totaling 35 sessions.
- Assisted to five national research contests maintaining an average score of 96/100.
- Built and programmed automated robot/drones prototypes using Arduino and Raspberry Pi equipped with sensors such as Lidar, GPS, Geiger Counter, RFID for agricultural and health research.
- Award second place in an international competition, The Mercury Robotics Challenge, leading a team of 3 people called "Voyager."

LOCAL GOVERNMENT OF CÓRDOBA | DATA ANALYST

Feb 2014 to Jun 2015 | Montería, CO

- Developed data validation scripts for large data sets improving the previous manual process by 70% in efficiency.
- Performed statistical analysis for decision making on education coverage impacting more than 80,000 students and 10,000 teachers.

PROJECTS

CLISTACK | PRODUCT ARCHITECT & SALES ADVISOR

Nov 2015 – Present | Montería, CO

Developed a web application for health care management according to local laws regulations, deployed a multi-tenant architecture using Docker and managed relations looking for business opportunities.

VOIER | Co-FOUNDER & PRODUCT ARCHITECT

Jun 2016 – Mar 2017 | Montería, CO

Developed a real-time Android application using Firebase for ridesharing, launched it to the Play Store reaching 500 users, implemented a PostGIS database and exposing an API for fare estimations.

DEVHUNTER COMMUNITY | Co-FOUNDER

Feb 2015 - Dec 2015 | Montería, CO

Started a software developer community of 100+ members, organized a Mozilla Hackathon for Firefox O.S and led around 20 community meetings as a speaker and organizer.

SIDASED | FOUNDER

Dec 2014 - Apr 2015 | Valencia, CO

Developed a web application which allows improving administrative processes on education, deployed to 1,500 concurrent users and raised USD 17,500 through a SaaS distribution model.

CERTIFICATIONS

TOEFL iBT Test

Jun 2018 | Monteria, CO

General Score: 88/120

LAB-ESAL: Social entrepreneurship laboratory for Latam, Opção Brasil

May 2016 | São Paulo, BR

With the support of AUALCPI, SEBRAE and UNISOL, totaling 40 hours of participation divided in technical visits and practical exercises.

Academic Knowledge of General English

Dec 2015 | Monteria, CO

For having completed a minimum of 575 hours corresponding to the B2 level CEFR.

Campus Party Colombia Edition 6nd

Jul 2014 | Medellin, CO

Trained in Science, Creativity, and Entrepreneurship totaling 62 hours of content.

Campus Party Colombia Edition 7nd

Oct 2013 | Cali, CO

Trained on the topics of Smart Cities, Entrepreneurship, Creativity and Video Games development, totaling 75 hours of content.

HONORS & AWARDS

2017 Merit Distinction

2017 Dean's List Academic Distinction

2016 1st at presentation 2nd most points

2016 1st place

2015 1st place

for participation in multiple research contests, Cooperative University of Colombia for having a GPA of 4.1/5.0, Cooperative University of Colombia

Oklahoma State University Mercury Remote Robotics Challenge Competition, Bogotá

Research Projects contest REDCOLSI, Cooperative University of Colombia, Monteria

Entrepreneurship and Innovation Fair, University of Cordoba, Monteria

PRESENTATIONS

- *Developing an autonomous drone that allows measuring solar radiation.*
IV International Congress of System Engineering
Cooperative University of Colombia, 2017
- *A modular and scalable hardware platform for the IOT world.*
III International Congress of System Engineering
University of Córdoba, 2016
- *Nodebots: Using Johnny-Five.*
MonteriaJS
ViveLab Monteria, 2016
- *How to control an Arduino robot from a web browser using Nodejs.*
II International Congress of System Engineering
University Of Córdoba, 2015
- *Git & Github like a boss: How git gives value to your projects*
Mozilla Bootcamp Monteria, 2014
- *Cold-Chain traceability, monitoring and management solutions*
Windsor Royal School, 2014
- *Web Sockets on the modern web, the future of HTML5*
Cooperative University of Colombia, 2014