

# Santiago Melo Medina

---

📞 (+57) 3216230925 • ✉ smelomedina05@gmail.com  
🌐 santiagoMeloMedina • in santiagoMeloMedina

## Education

---

**B.Sc in Systems Engineer & Computer Science**

*Pontificia Universidad Javeriana*

Expected Graduation January, 2022

CGPA: 4.05/5.00

**Cali, Colombia**

*June, 2017 - present*

## Working Experience

---

**SpringBoot, Angular, Full Stack Developer**

*Training InMedia*

Work as full-stack with database and docker responsibilities

**Cali, Colombia**

*February, 2020 - June 2020*

## Projects

---

- **Analysis of graph theory algorithms performed on random Erdős-Renyi model based graphs & block-chain trees**  
Generated and studied charts based on 1000+ runs of component analysis algorithms on extensive random generated graphs. (Python)
- **Clothes E-commerce system**  
Designed and implemented micro-services architecture, making the use of event sourcing. Environment with more than 15 dockerized micro-services. And use of Kafka for messages subscription, for distributed transactions (Python, Javascript, Java, MySQL)

## Technical Skills and Activities

---

<b>Programming Language</b>	Python(3.5 yrs); C++(2.5 yrs); JavaScript(1.5 yr); Java(1 yr)
<b>Frameworks</b>	Flask; SpringBoot; Django; Angular; React; Native; Express
<b>Other</b>	Apache Kafka; Git(3.5 yr)
<b>Virtualization</b>	Docker(1.5 yr)
<b>Databases</b>	MySQL(3.5 yr); OracleSQL; Redis
<b>Competitive Programming</b>	UVa online judge (90+ problems), username: santsq18 2019 ICPC South America-North Finals
<b>Teaching Assistant</b>	Introduction to Systems Modeling Introduction to Programming
<b>Operating Systems</b>	Linux(3.5 yrs), Windows, Mac
<b>Languages</b>	Spanish(Native), English (Proficient)