Santiago Melo Medina

✉ smelomedina05@gmail.com • ⌗ santiagoMeloMedina
in santiagoMeloMedina

Education

B.Sc in Systems Engineer & Computer Science **Cali, Colombia**
Pontificia Universidad Javeriana *June,2017 - present*
Expected Graduation January,2022
CGPA: 4.05/5.00

Working Experience

SpringBoot, Angular, Full Stack Developer **Cali, Colombia**
InMedia *February,2020 - June 2020*
Work as full-stack with database and docker responsibilities

Projects

- **Analysis of graph theory algorithms performed on random Erdös-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 a 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

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