

# JUAN PAULO CANNON PANALIGAN

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Senior Big Data Engineer with 8+ years of ad tech experience in high traffic and scalable distributing computing production systems. Proven success in defining technical products, architecting data intensive applications, and implementing at scale through meticulous requirement gathering, rigorous technical evaluation, and out of the box thinking.

## RELEVANT EXPERIENCE

MAGNITE, Los Angeles, CA  
Senior Big Data Engineer

*April 2020–Present*

- Defined, architected, and implemented Magnite's programmatic guaranteed product for deployment in Prebid using Spark, written in Scala/Python and running in AWS.
- Evaluate data processing tech (i.e. Databricks, Dremio, Snowflake, Zeppelin, Superset, etc.) and create proof of concept applications for general organization use.
- Mentor junior engineers with topics relating to both engineering and industry domain knowledge.
- Work closely with data scientists to incorporate insights into machine learning applications at scale.

MAGNITE, Los Angeles, CA  
Data Science Engineer

*March 2017–April 2020*

- Implemented cross organizational tools for brand safety and yield optimization.
- Performed analysis for traffic shaping in an effort to filter non-monetizing ad requests and maximize revenue.
- Implemented data pipelines to facilitate efficient machine learning model generation to support real time operation at scale.
- Worked closely with product managers to create applications in an effort to open additional revenue streams.

SIERRA CLUB - ANGELES CHAPTER POLITICAL COMMITTEE, Los Angeles, CA  
Secretary

*July 2020–Present*

- Leader of interview committees to evaluate potential electeds in an effort to conserve the environment equitably.
- Facilitator of club meetings and record keeper of votes, minutes, and agendas.

## EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA Los Angeles, CA  
Bachelor of Science in Computer Engineering and Computer Science,  
Minor in Music Industry

*May 2012*

## ADDITIONAL SKILLS

- Proficient in AWS (EMR, S3, EKS, ECS), Airflow, Kafka, Druid, Superset, Terraform
- Fluent in Spark (2 and 3), Scala, Java, Python (2 and 3), and Bash