Apoorva **Havanur**

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(408) 315-7249

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U.S Citizen

EXPERIENCE

Meta — *Staff Data Scientist, Privacy*

Dec. 2020 - present

- Created an experimentation process used by 200+ experiments yearly across 50+ engineers.
- Developed measurement strategy driving direction for 350+ people product organization.
- Lead data team of 4 data scientists and 3 data engineers, providing technical feedback and fostering cross functional collaboration.

Meta — *Data Scientist, Integrity*

Sept. 2018 - Nov. 2020

- Improved Groups recommendation quality, reducing violating impressions by 10%, civic misinformation by 65% and saving ~5 months of engineering effort.
- Developed novel detection methodology leading to proactive enforcement against 1900+ Groups & Events during the US 2020 election.
- Identified improvements to Groups moderation tool, which increased product retention by 10%.

Republic of Palau — *Analytics Consultant, Financial Intelligence Unit*

May 2018 - Aug, 2018

- Engineered data validation script to automate complex bank documentation processing
- Developed ETL procedures in order to integrate immigrations and customs records seamlessly using SQL and Visual Basic
- Generated findings through analytics dashboard presented in United Nation's Financial Action Task Force on Money Laundering

EDUCATION

Carnegie Mellon University — GPA 3.7 / 4.0

Aug 2014 - May 2018

B.S Statistics & Machine Learning, additional major in Economics

Minor in Computer Science

Senior Thesis: "Measuring the Impact of Social Networks on Buying Behavior"

Andrew Carnegie Scholarship Recipient

Senior Leadership Award Recipient

SKILLS

Python
pandas, numpy, scipy, sklearn, networkx
R
ggplot2, tidyverse, shiny
SQL
Java
PHP/Hack

AWARDS

U.S Patent #10,904,175 "Verifying users of an electronic messaging system"

Best Thesis in Economics & Thesis Defense, Meeting of the Minds 2018

Tartan Data Science Cup - 1st Place Overall

COURSEWORK

Data Structures & Algorithms
Advanced Methods in Data Analysis
Data Mining
Econometrics I & II

Graduate Courses:
- Practical Data Science
- Natural Language Processing

INTERESTS

Data Visualization
Game Theory
Econometrics
Causal Inference
Experimentation
Network Analysis