

Peter Varga

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WORK EXPERIENCE

SIDO

Los Angeles, US (remote) | Oct 2023 – Feb 2025

Research & Development Lead

1 year 4 months

- Directed data science research in gaming, optimizing experimentation (GCP, dlt, dbt, BigQuery, Deepnote), facilitating academic relations, resulting in multiple consulting partnerships and a statistics publication
- Led strategy and development of a subscription-based game analytics product, aligning customers, design, and engineering while integrating our research work to experiment with new features and drive innovation
- Pioneered voice-communication analytics in esports by deploying a Discord audio recording bot and implementing a signal extraction pipeline with Speech-to-Text models - got invited by Routledge to author a book on this topic

Fnatic

London, UK | June 2021 – Sept 2023

Senior Engineer (Research & Analytics)

1 year 3 months

- Owned an internal game analytics product (Clickhouse, MindsDB, Retool), defining technical and design requirements, and iterating on user feedback to refine feature prioritization and value creation
- Integrated user analytics into our mobile app development (PostHog), enabling adaption & retention tracking
- Piloted an EEG biomarker & performance project with a gaming academy - won the league with a record score

Analytics Engineer

1 year

- Implemented a new data stack (AWS, Kubernetes, Airflow, dbt, Airbyte, Postgres), transforming data operations
- Launched a self-serve BI platform (Metabase), setting up user-friendly data models and no-code tooling as well as leading onboarding, resulting in a significant increase in internal reporting and BI usage across all business units
- Managed the end-to-end development, launch, and adaption of an inventory management app with ML-driven forecasts (Databricks, FBProphet, MLflow), leading to reduction of excess stock and improved cash flow

Mews

London, UK | Sept 2019 – June 2021

Junior Data Scientist

1 year

- Implemented in-app behavior data processing & analytics, collaborating cross-functionally to streamline onboarding and support with advanced reporting, and drive upselling through user insights (Databricks, PowerBI, Salesforce)

Research Analyst

9 months

- Built a global hospitality database (Azure, Python, MSSQL) to inform go-to-market strategy and sales KPIs
- Developed and deployed a churn prediction ML model (Databricks) to identify at-risk customers during COVID-19

Wild.AI

London, UK | Jan 2019 – July 2019

Research & Development Specialist

6 months

- Reviewed scientific literature on female physiology to inform product development and engagement strategy
- Designed UX prototypes and educational content with coaches and female health experts to improve accessibility

ACADEMIC CONTRIBUTIONS

Editor | *Emerald Publishing - Team Performance Management Special Issue*

To be published in 2025

Speaker | *Econometric Case Study of the Evolution of the NA LCS*

Esports Research Network Conference 2024

Author | *Routledge Handbook of Esports - Chapters 2.7 & 3.4*

Published in 2024

Panel Member | *Data Driven Performance*

Esports Coaching and Performance Summit 2023

Speaker | *Esports Research Methodology*

Esports Science Symposium 2023

Panel Member | *Sustainable Business in Esports*

Esports Research Network Conference 2022

EDUCATION

University College London (Institute of Education)

London, UK | Sept 2017 - Aug 2018

Postgraduate Certificate in Education, Physics with Mathematics

11 months

University College London (Institute of Child Health)

London, UK | Sept 2013 - Sept 2017

MSci in Physics, Minor in Brain, Behavior and Cognition

4 years