

# Justin Gregoire

Highly experienced data scientist with 6 years of expertise in providing organizations with valuable data-driven insights and solutions. Proven track record of success working across multiple cross-functional teams within a variety of industries including education technology, mobile gaming, B2B cloud products and healthcare.

## Professional Experience

- 2022

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**Senior Data Scientist, Product Analytics**  
TikTok

Mountain View, CA

- Part of initial data science team involved with eCommerce expansion to US. Regularly conducted deep-dive analysis to inform product development and drive revenue growth as part of the launch.
  - Collaborated with cross-functional teams, including product management, engineering, and marketing, to drive data-driven decision making and optimize the user experience for ecommerce on the TikTok platform.
- 2022  
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2021

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**Senior Data Scientist**  
Skillshare

New York, NY

- Acted as data insights leader for new product expansion beyond core membership. Leveraged k-means clustering to identify target teacher segments and size potential monetization opportunities. This analysis and subsequent strategy demonstrated path for potential sales increases of 50%
  - Applied causal inference techniques when standard A/B testing wasn't possible. Examples include counterfactual estimations for various marketing offer changes; and designing quasi-experiments for influencer marketing due to lack of A/B tools in this area.
  - Led experimentation processes and analysis within the product team's personalization & discovery pods – including changes to content recommendation algorithms, new onboarding features/flows, and changes to Search and Browse.
- 2021  
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2020

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**Data Scientist**  
Skillshare

New York, NY

- Scored potential profitability of international markets. Presented findings to CEO and executive team. This work continues to guide our international growth strategy.
  - Evaluated potential marketing attribution methodologies and implemented a “first touch” methodology based on model comparisons and technical considerations.
  - Built an external facing algorithm projecting teachers' upcoming monthly royalty payments, subsequently increasing teacher retention and satisfaction scores.
- 2020  
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2019

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**Marketing Analytics Manager**  
Skillshare

New York, NY

- Defined marketing performance metrics and built analytics pipelines and data models for scalable reporting and analysis.
  - Partnered with product's growth pod on experiment design and analysis of various subscription pricing strategies across international markets
- 2019  
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2017

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**Digital Senior Analyst, Marketing Analytics @ Google**  
Accenture

San Francisco, CA

- Led a team of 4 data analysts supporting analytics initiatives for a key acquisition program. Partnered with marketing, sales, and engineering to define metrics, build data pipelines and reporting, and provide strategic analysis and recommendations.
- 2017  
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2016

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**Digital Analyst @ Zynga**  
Accenture

San Francisco, CA

- Partnered directly with VP of User Acquisition on analytics initiatives that increased returns on ad spend from 70% to 115% on an annual investment >\$100M. This included building out executive-level reporting and implementing user LTV modeling so marketers could optimize their budgets in real time.

## Contact

📍 San Francisco, California  
✉ [jtgregoire93@gmail.com](mailto:jtgregoire93@gmail.com)  
📞 757-619-7431  
Socials: [🌐](#) [in](#) [📺](#)

## Education

University of Virginia  
B.S. Systems Engineering  
2012–2016

## Technical Skills

Inferential statistics and modeling; experiment design and analysis

Customer segmentation; marketing attribution (heuristic and algorithmic methods); user LTV (lifetime value) modeling

Data modeling and warehouse design

## Strategic Skills

Project experience across multiple business domains, including product management, marketing, sales, and finance

Organizational data strategy and roadmap development

Extensive presentation experience with technical and non-technical executives and stakeholders

## Toolset

R, SQL, Python

Dashboards in Tableau, Looker, Domo, Mixpanel, Shiny

Jira, Github, Confluence

## Access

[Online version](#)