

OMSCS Conference 2023

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2023-04-09

Presentation Information

Title

Running a Kaggle Competition Team: Insights and Lessons from BirdCLEF with Data Science @ Georgia Tech

Description (50 words or less)

Learn how to lead a successful Kaggle competition team in this talk tackling the BirdCLEF challenge, an information retrieval competition focused on bird conservation. Discover insights on recruiting, techniques, and models used, plus how to engage with the student body on technical projects.

Abstract (250 words or less)

Are you interested in leveraging your computer and data science skills to tackle real-world problems? Then, join me for a traditional talk on my experience leading a successful Kaggle competition team with people from DS@GT and the OMSCS program.

Our team took on the BirdCLEF challenge, an information retrieval competition focused on bird conservation. I'll share how I got started with Kaggle and why I decided to build a team with people from Georgia Tech. But this presentation is more than just a recap of our Kaggle journey. I'll also provide commentary on how OMSCS students can engage with the student body on focused technical projects and offer advice I wish I had received when I started.

Additionally, you'll learn about the available resources, such as EdStem, DS@GT, and Kaggle, and how they can help you explore non-traditional paths to further foster your growth during your time in OMSCS. By attending this presentation, you'll gain knowledge of the recruitment process, techniques, and models used in the project and how you can take on a real-world challenge and lead a successful Kaggle competition team.

Biography (75 words or less)

Anthony is a software engineer at Planet Labs, developing systems to store and index a 10+ year archive of daily satellite images of Earth's land and coast. Previously, he spent 6+ years at Mozilla as a data engineer, contributing to open-source software for the Firefox Data Platform. His interests include distributed computing, machine learning, and robotics.