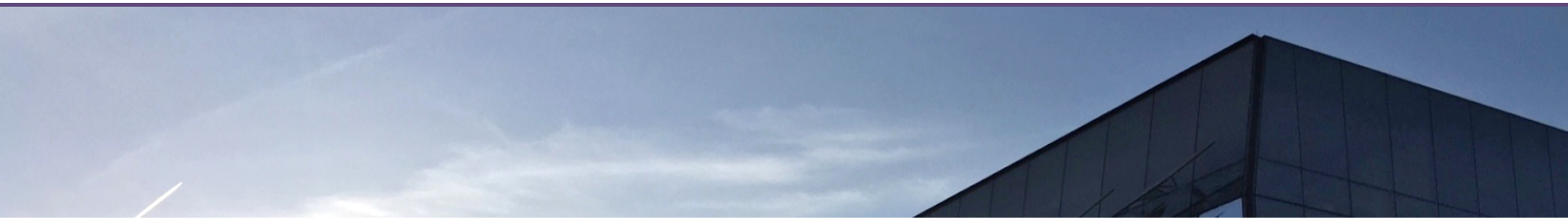# CDS
Cornell Data Science

Sponsorship Packet

About us
Education | Experience | Exposure

We strive to **EDUCATE** people interested in data science at Cornell by providing learning opportunities. Our Introductory Data Science Training Program is an accredited course open to all Cornell students. We provide workshops that allow students to gain experience working with different domains of data science.

We provide **EXPERIENCE** by pushing our project team members to apply their knowledge meaningfully. We pride ourselves on having projects that are educational, competitive, and fun for our members.

We **EXPOSE** members of the data science community at Cornell to other students, faculty, and industry leaders. We host talks by distinguished Cornell faculty, hold intra-team socials, and organize company-sponsored events like tech talks and workshops.

This packet highlights some of our activities and projects, but it is by no means comprehensive. For more details, please visit our team website at cornelldata.science.

Our Teams

Intelligent Systems:

This subteam conducts research and builds applications that can advance the state of intelligent systems, examining fields like reinforcement learning and computer vision through the lens of deep learning.

Selected Projects:

- SAMAR: Scalable Automatic Mapping And Recognition
- Vocal Isolation: Separating Sounds for Storytelling
- Amazon Review Summarization using clustering and autoencoders

Insights:

This subteam focuses on interpretability of machine learning models and uses data visualization to effectively communicate results to both technical and non-technical audiences.

Selected Projects:

- Wiki-Insights (knowledge hierarchy) (BOOM 2018 Winner)
- Fake News Detection (BOOM 2019 Winner)

Algorithmic Trading:

This subteam researches and develops new algorithmic trading strategies.

Data Engineering:

This subteam focuses primarily on process optimization and experimentation, with an emphasis on database systems and Apache Spark.

Selected Projects:

- Spark ML Optimization
- Database Parallelization
- Deterministic Query Approximation

Outreach/Education

In Spring 2017, we began our **Introductory Data Science Training Program**.

This course, designed by our education sub-team and accredited by the College of Engineering, is a 9-week program designed to prepare any student, regardless of background, for a data analysis project. We equip them with statistical and analytical skills to work with data, which are used to extract meaningful results and accurate models. Around 100 students take the course each semester, and it has quickly become one of the best ways for Cornell students to get started with data science.

Our members have also designed and taught multi-part **Deep Learning and Parallel Processing workshops**, each attended by hundreds of students. The course materials are made available on our Github and recordings of our lectures are shared on Youtube for the benefit of the data science community.

Sponsorship

The projects and opportunities available at Cornell Data Science would not be possible without our generous corporate sponsors. Sponsorships help pay for the computer hardware and cloud computing resources that we use to analyze massive datasets, and supports our education and outreach efforts.

In return, sponsors can get a variety of different perks depending on the funding level they provide.

Sponsorship Levels

Tier	Amount	Benefits
Bronze	$500	You will receive our team's **resume book**, which contain resumes of 70-80 of the most talented undergraduates in Cornell's data science community. Additionally, your **logo will be placed on our website**.
Silver	$750	In addition to the above, we will host your company for a **tech talk**. The presentation will be open to the public and likely well attended by the Cornell community. CDS will handle all marketing duties.
Gold	$1500	In addition to the above, we will prominently feature your **logo on our social media pages and team shirts**, and help **advertise on-campus events** that your company runs.
Platinum	$2500	You will receive all of the above benefits, plus the **opportunity to collaborate with our team**. This can be in the form of a semester-long collaboration project with one of our subteams, or involvement in the data science course that we run.

If you are interested in sponsoring us or want more information, please email cornelldatascience@gmail.com.

We are also open to non-financial sponsorship for things like cloud computing credits. Please contact us for more details.