

CDIPS Data Science Workshop

Info Session

April 5, 2017

Presented by James Arnemann, Diya Das, Henoah Wong, Stephanie Wuerth

What is this workshop about?

- A 3 week opportunity for you to delve into data science
- An opportunity to network with data scientist mentors
- A chance to show employers you can work in a team
- A demonstration of your data science skills, beyond your research discipline

Bonus: Site visits - meet more people!

You get out as much as you put in.

What are our expectations of you as applicants?

- Any Berkeley/LBNL grad student, postdocs, visiting scholar - not restricted to the sciences!
- We're selecting for people who are *interested*.
- You **do not** need to be a programming expert or have a machine learning/data science background.
- You should know how to answer all of the programming questions on the application - language isn't of concern.
- We're also looking for team players!

What are our expectations of you as participants?

We have **Required** & **Recommended** Activities

- Meet participants at pre-workshop social hour
- Brush up on your basic Python prior to June 26
- Attend pre-workshop week as needed June 26-29
- Attend opening ceremony & meet your mentor
- Work on project 20 hours per week, including check in with mentors and us 2x per week
- Attend weekly social hours, hack days, site visits, talks (TBD)
- Present with your group at closing ceremony

Pre-Workshop: June 26-29 (Mon-Thurs), 4-6pm in BIDS

A week of non-compulsory sessions covering useful data science tools, starts 2+ weeks before the opening ceremony. You'll have plenty of time to review!

We have a diverse group of participants with different programming experience. The purpose is to help everyone get to a good starting point for the workshop.

**Pre-workshop is designed for participants, but is open to the public!
Bring your friends.**



Schedule of Events

Example Schedule (2015)

2017 Dates:

June 26-29 (Mon-Thur):

Pre-workshop

July 15 (Saturday):

Opening Ceremony, meet
the mentors

3 weeks of work!

August 5 (Saturday): Closing
Ceremony

	Saturday, July 11
Opening Session	2:00-2:10 Welcome!
	2:10-2:45 Opening Remarks (Wafa Soofi , Program Director at Insight Data Science)
	3:00-4:00 Mentor Introductions and Q+A
	4:15-5:30 Meet the Mentors
	Location: 375 LeConte
	Monday, July 13
Career Development	5:00-6:00 A Successful Migration to Data Science (Andrew Green , Graduate Counselor)
	Location: 325 LeConte
	Saturday, July 25
Company Visit	3:00-6:00 Visit Kanjoya (Hosted by Adam Kalman , Data Scientist at Kanjoya)
	Location: 456 Montgomery St. Suite 500 San Francisco, CA 94104
	Monday, July 27
Career Development	5:00-6:00 How to Prepare for an Interview (Andrew Green , Graduate Counselor)
	Location: 375 LeConte
	Thursday, July 30
Company Visit	11:00-1:30 Visit Uber (Hosted by Matyas Tamas , Senior Data Scientist at Uber)
	Location: 1455 Market St. San Francisco, CA 94103
	Saturday, August 1
Closing Session	3:30-5:00 Group Presentations
	5:00-6:00 Closing Remarks (Andreas Weigend , former chief scientist at Amazon)
	Location: 306 Soda Hall
	6:00-7:00 Closing Dinner
	Location: Wozniak Lounge (430 Soda Hall)

Mentors are from a variety of Bay Area companies

Confirmed so far :

Twitter, Uber, Opendoor, AppDynamics, Grammarly, Verily, Rhumbix, Rally Health, Willow Pump

More to come! In the past, we've had mentors from Google, Quora, Pandora, Adobe, and many more!

Where are past participants now?



2nd

Christopher Klein

Data Science Manager, Siri Natural Language at Apple

Apple • University of California, Berkeley

Berkeley, California • 360



2nd

Shannon Hateley

Computational Biologist at Ancestry

Ancestry • University of California, Berkeley

Berkeley, California • 289



2nd

Adam Morgan

Lead Data Scientist at Target

Target • UC Berkeley

San Francisco Bay Area • 500+



2nd

Birgit Hausmann

Data Scientist at Glassdoor

Glassdoor • Harvard University

San Francisco Bay Area • 485



2nd

Erica Kim

Data Scientist

Medmeme, LLC • University of California, Berkeley

New York, New York • 148



2nd

Mehdi Jamei

Data Scientist & Project Lead at Bayes Impact

Bayes Impact • UC Berkeley

San Francisco Bay Area • 500+



2nd

Jackie Brosamer

Data Scientist at Square

Square • UC Berkeley

San Francisco Bay Area • 385



2nd

Michael Mortonson

Data Scientist at Academia.edu

Academia.edu • The University of Chicago

San Francisco Bay Area • 145

The Projects

Projects are proposed by the mentors. They can be:

1. Something of interest to the mentor's company
2. Something of interest to the mentor personally
3. Kaggle project

Once you're admitted and accept, we'll match participants and projects (and mentors!).

Apply!

cdips.physics.berkeley.edu/apply

Application deadline:

April 21 (Friday) at 3PM

Decisions will be made at the end of May