

Ari Pickar

<http://aripickar.github.io>
ari.pickar@berkeley.edu | 914.564.2195

EDUCATION

UC BERKELEY

BACHELORS IN COMPUTER SCIENCE

Expected May 2019 | Berkeley, CA

GPA: 3.1

LINKS

Github://aripickar

LinkedIn://ari-pickar

Twitter://@ari_pickar

COURSEWORK

- Efficient Algorithms & Intractable Problems
- Data Structures & Algorithms
- Computer Architecture
- Data Science
- Discrete Mathematics & Probability
- Internet Architecture & Protocols
- Machine Learning
- Image Manipulation & Computational Photography
- Operating Systems & System Design (Spring 2019)
- Programming Languages & Compilers (Spring 2019)

SKILLS

PROGRAMMING

Experienced:

Java • C# • Python

Familiar:

CSS\HTML • JavaScript • React

LaTeX • C • Assembly • SQL • R

TECHNOLOGIES

Tools:

Git • Tableau • Jira • FitNesse • NuGet

Libraries:

OpenCV • Pandas • NumPy • Seaborn

Matplotlib • QGIS • RabbitMQ

Flask • Django • SQLite3

EXTRACURRICULARS

- Campaign Manager, Will Wang for ASUC Senate
- Internal Chief of Staff, Office of ASUC Senator Connor Hughes
- Kitchen Manager, Berkeley Hillel
- Alumni Chair, Kappa Delta Rho Fraternity

EXPERIENCE

OPENTABLE | SOFTWARE ENGINEERING INTERN

June 2018 – August 2018 | San Francisco, CA

- Implemented backend feature in C# to exclude certain parties from kitchen pacing requirements, allowing restaurants to better gauge operating capacity.
- Added wait list update queue to allow restaurants functionality to provide real time wait updates using AMQP through RabbitMQ.
- Designed and integrated a new API to allow a restaurant group to view availability for multiple restaurants at once.

GOLDEN STATE WARRIORS | BASKETBALL ANALYTICS INTERN

January 2018 – May 2018 | Oakland, CA

- Created program to calculate stat translation between NBA, NCAA and European leagues for different player classifications.
- Designed proprietary metrics to analytically evaluate prospects for the 2018 NBA Draft. Identified projected UDFA's to target for signing.

ADIDAS | SOFTWARE ENGINEERING INTERN

June 2017 – Aug 2017 | Portland, OR

- Designed and prototyped a future mobile feature, integrating miVisenze API to automatically recognize the characteristics of an uploaded image and search through the adidas catalog to present matching and complementary items.
- Built a prototype of a future feature of the adidas Confirmed app, to read NFC chips embedded in shoes and authenticate secondhand transactions.

DEUTSCH INC. | DATA STRATEGY INTERN

June 2016 – August 2016 | New York City, NY

- Analyzed campaign strategy and digital platform metrics to improve business performance for clients: Sherwin Williams, Loews Hotels, and Ahold.
- Projected social campaign performance based on historical trends, platform, and spending. Analysis based on a Cox Regression resulted in strategy for optimal lifespans of campaigns.

RELEVANT ACTIVITIES

SPORTS ANALYTICS GROUP AT BERKELEY | CO-FOUNDER/EVP

September 2016 – Present | Berkeley, CA

- Founded and managed school club, leading 80+ people across business, consulting and data journalism teams.
- Personally led the establishment of consulting partnerships, including development of pitcher similarity scores (San Francisco Giants), ticket sales analysis (San Jose Earthquakes), creation of optimal play decision chart (Cal Football) and developing metrics for lineup analysis (Sacramento Kings).

PROJECTS

AIRBNB RENTAL PREDICTOR

Built a model predicting the type and purpose of AirBnB rental property based on rental price changes. Built using Python and R. Winner of Best Overall Data Exploration at Berkeley Citadel Datathon.

GOTV BOT

Build a bot to message Facebook friends using fbchat API. Used by 10+ people during student senate campaigning to help with GOTV. Built in Python.