ANGUS LAM

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EDUCATION

University of California, Berkeley — **Berkeley, CA**

B.S. Data Science, Domain Emphasis: Cognition, Minor in Health and Wellness — *May 2024*

Coursework: Data Engineering; Data Mining & Analytics; Data Science for Smart Cities; Data Structures; Intro to Economics; Economic Models; Principles & Techniques of Data Science; Probability for Data Science; Data, Inference, and Decisions; Introduction to Artificial Intelligence; Structure & Interpretation of Computer Programs

EXPERIENCE

Sports Data Strategy Intern — **Virtual**

WarnerMedia — *Jun. 2022 – Aug. 2022*

- Used APIs to scrape and export up-to-date player and team data for their primary mobile application.
- Used Python and SQL to improve methods for tracking and aggregating unique campaign IDs in Kochava and Snowflake.

Vice President – Projects, Project Analyst — **Berkeley, CA**

Sports Analytics Group at Berkeley — *Feb. 2021 – Present*

- Organized and collaborated on sports analytics-related projects with professional and collegiate clients.
- Developed automated visualizations to display player and lineup statistics using Python and Javascript.
- Worked with the Denver Nuggets to study their brand health across social media platforms.
- Created a salary prediction model for NBA players based on previous accolades, contracts, and statistics.

Academic Development Mentor — **Berkeley, CA**

Data Science Society — *Feb. 2021 – Present*

- Presented lectures on special topics regarding data science and Python's relevant applications.
- Led various groups in using such techniques to create their own data science projects.
- Helped organize an annual datathon for social good alongside Deepnote and the World Bank.

Data Analyst — **Virtual**

Skillful.ly — *June 2021 – Aug. 2021*

- Analyzed and created graphics of user demographics and workflow pathways using Python.
- Created live user activity dashboards in Mixpanel to track social media activity and user conversion rates

PROJECTS

Schedule Optimization for the Milwaukee Bucks — *Mar 2023*

- Analyzed historical revenue data and competitors in NBA market to construct a playing schedule that maximized revenue for the Bucks. Finalist at the Milwaukee Bucks Business Analytics Hackathon.

The Evolution of the Optimal NBA Player — *May 2021*

- Studied the evolution of basketball before and after the implementation of the three-point line. Tried to reclassify player positions based on clusters of players with similar statistics.
- Repo: https://git.io/J36cx, Paper: https://bit.ly/2RnQb3j

America's Dark Voting Legacy — *Nov 2020*

- Analyzed disenfranchisement of certain voting populations due to the current electoral college system using US Census Data. 2nd Place at Data Science Society's Datathon for Social Good 2020.
- Repo: https://git.io/J3rwG, Article: https://bit.ly/37STGo8

ADDITIONAL SKILLS

- Python (NumPy, Pandas, GeoPandas, Scikit-learn, Seaborn, NetworkX), Java, SQL, Jupyter Notebook, Google G Suite, MS Office, Mixpanel, Tableau, Snowflake, Jira, Confluence, Adobe Creative Suite, MongoDB