KELLEY LIU

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EDUCATION

University of California, Berkeley	**Berkeley, CA**
B.A. in Data Science	May 2020
Minor: Computer Science	GPA: 3.402

Relevant Coursework: Efficient Algorithms & Intractable Problems, Artificial Intelligence, Introduction to Machine Learning, Data Structures & Algorithms, Machine Structures, Structure & Interpretation of Computer Programs, Principles and Techniques of Data Science

PROJECTS github.com/kelleyliu

Personal Website: kelleyliu.github.io/website	May 2020

- Stack: React, HTML, CSS

Fun with Graphs	December 2018

- Implemented a stripped down version of GNU Make and a trip finder (ex. Google Maps) with graph traversals
- Built a general library package for manipulating graphs with Java; DFS, BFS, Dijkstra & A* algorithms used

Amazons	October 2018

- Created the Amazons game with manual and AI functionality with underlying game trees as the implementation
- Programmed legal player moves, game commands, and parsed through legal and illegal command inputs

EXPERIENCE

Apple	**Cupertino, CA**
Incoming Software Engineer	August 2020

- Apple Media Product (AMP) Applied Machine Learning team
- Full-time return offer

Software Engineer Intern	May 2019 – August 2019

- Apple Media Product (AMP) Analytics & Data Products Team
- Built an internal tool for increasing day-to-day work efficiency in a 100+ cross functional team by connecting a Flask application to a search index
- Extended an open source machine learning framework in Python to build a chat bot for extracting information from frequently accessed databases
- Leveraged knowledge in full stack web development, Python, SOLR, and PostgreSQL

UC Berkeley College of Engineering Course Staff	**Berkeley, CA**
Lab Assistant (Data8, Data100)	January 2018 – May 2019

- Streamlined the learning process by assisting Undergraduate GSIs in debugging students' code
- Offered insights on concepts of data cleaning and visualization, modeling, and efficiency of code with large data files

Maxton & Company	**San Francisco, CA**
E-commerce Management Intern	June 2018 – August 2018

- Analyzed 4 months of daily sales data to identify determining factors between $20k and $30k sales days
- Evaluated $2k+ purchase orders for exclusive brands and wholesale distributors

SKILLS & INTERESTS

Languages: Native speaker in English and Mandarin Chinese
Skills: Java, Python, React, HTML, CSS, JavaScript, C, SQL, Python Data Science packages, PostgreSQL
Interests: Fitness, photography, baking, EDM