

Angeline Lee Ying Kee

 [in/angelineleeyingkee](https://www.linkedin.com/in/angelineleeyingkee)

 [angelinelykk.github.io](https://github.com/angelinelykk)

☎ +1 (510) 674-5515

Languages: Python, Java, JavaScript, Swift, SQL, C, RISC-V, Scheme

✉ angelinelyk@berkeley.edu

Frameworks: React Native, HTML, CSS, pandas, UIKit, Firebase, Selenium, NumPy, scikit-learn

Education

University of California, Berkeley

Berkeley, Aug 2020 – May 2024 (Expected Graduation)

- B.A. in **Computer Science** and **Statistics**, Minor in **Data Science** | GPA: **3.9/4.0** | Dean's Honors List, High Distinction
- **Coursework:** Efficient Algorithms (CS170), Artificial Intelligence (CS188), Data Science Principles (Data C100), Machine Structures (CS61C), Data Structures (CS61B), Computer Programs (CS61A), Discrete Mathematics and Probability (CS70), Linear Algebra & Differential Equations (Math54), Designing Devices (EECS16B), Data Science Foundations (Data8)
- **Notable Upcoming Coursework:** Introduction to Database Systems (CS186), Introduction to Machine Learning (CS189)

Experiences

BlackRock, Inc.

Software Engineering & Product Management Intern

New York, June 2022 - Present

- Conducted user research interviews and competitive landscape research to design on **Figma**, create a strategy slide deck for and code a new feature to improve the user experience for an internal mobile application using **React Native** and **Swift**
- Implemented frontend updates and integrated internal APIs into another application utilizing **JavaScript** and **React Native**
- Created 3 full-stack mobile applications supported on both iOS and Android during training using **React Native**, **REST APIs**, and **Cloud Firestore** as a database to prepare for tasks to improve on frontend experience and systems design

Mobile Developers of Berkeley

iOS Client App Developer

Berkeley, August 2021 - Present

- Incorporated In-App Purchases using Apple's **In-App Purchase API** as well as Apple Pay and traditional credit card payments for non-digital services using the **Stripe API** to enable the client to charge for content and generate revenue
- Updated existing user interface with Figma designs from the client's product team and added new features requested

iOS App Developer Trainee

Berkeley, August 2021 - Present

- Built 3 iOS full-stack mobile applications in the training program using **Auto Layout** in **Swift** and **UIKit** for frontend development and incorporated **Firebase Authentication** and **Cloud Firestore** for backend storage and integration
- Constructed a Pokédex application with a **collection view** of 800 Pokémon loaded with concurrent image fetching using **Grand Central Dispatch** and a **navigation bar** containing a **search bar** and a button to toggle between view layouts
- Implemented an event planning application for a school organization with **user login** and **signup pages** linked to account comprising of a list of upcoming events with more details available upon tap and information dynamically updated

Data Science Society @ Berkeley

Director of Academic Development Committee

Berkeley, Jan 2021 - Present

- Mentored 4 teams of undergraduate students in machine learning and data visualization projects via reviewing their code and design ideas whilst training the members in the usage of **pandas**, **SQL**, **NumPy**, **scikit-learn**, **Matplotlib** and **Seaborn**
- Directed a programming workshop for over 80 middle school students together with the Society of Women Engineers
- Conducted a **customer segmentation** workshop for over 30 members of **Entrepreneurs@Berkeley** covering **statistics**, **data mining**, **machine learning** and **data visualization** concepts to provide an overview of data science and customer analytics

Enterprise Singapore

Info-comm, Media & Digitalization Intern

Singapore, May 2021 – August 2021

- Reduced compilation time of a database with 15,000+ companies by 30% through building a web-scraping program extracting, cleaning and filtering data from LinkedIn and other websites using **SQL**, **Selenium** and **Beautiful Soup**
- Presented about fundamental quantum physics concepts such as Superposition and Entanglement, potential applications, state of technology and current gaps in existing initiatives to develop the local **Quantum Computing** ecosystem
- Consulted 12 rising **Artificial Intelligence** start-ups to discuss business recovery strategies in response to Covid-19

Other Projects and Articles

Portfolio Website 

New York, July 2022 - Present

- Built a personal portfolio website hosted on **GitHub Pages** with a Studio Ghibli theme using **HTML**, **CSS** and **JavaScript** featuring creative elements such as an animated cursor, flipping cards, and a parallax interface with a fixed background
- Incorporated a horizontal navigation interface to achieve a modern browsing interpretation of flipping pages with **jQuery**

Personality in Four Letters or Less (Medium.com), Python 

Berkeley, August 2020 – Dec 2020

- Performed data cleaning using **pandas**, visualizations using **Seaborn** and constructed a **Random Forest Classifier** to predict MBTI types of users based on their online activity with over 90% accuracy in each category using **scikit-learn**

Other Skills and Interests

Skills: English (Native), Chinese (Native), Korean (Proficient), Malay (Intermediate), Figma, Microsoft Excel, PowerPoint, Word

Interests: Urban Dance, Reading, Visiting Museums, Biking, Puzzles, Painting with watercolours, Playing the Piano, Cooking