

## EDUCATION

### University of California, Berkeley

Major: Data Science [BA]

Concentration: Business Analytics

Jan 2018 - May 2021

## SKILLS

### Technologies + Tools

Python: NumPy, Pandas, SciPy  
SQL, Periscope, Tableau, Alation  
JavaScript, HTML/CSS, Java  
Git, JIRA, G Suite, Trello, Asana  
Microsoft Excel/PowerPoint

### Coursework

Business Analytics, Data &  
Decisions, Data Structures &  
Algorithms, Database Systems,  
Probability for Data Science, Data  
Mining & Analytics, Engineering  
Economics, Economic Analysis

### Knowledge + Proficiencies

Experience working with and  
debugging unfamiliar code in both  
startup and enterprise settings

Working productively in small  
teams using an agile software  
development process (scrum)

Consolidating and cleaning data  
from disparate sources + applying  
statistical methods to guide data-  
driven decision making

Strong written, verbal, and visual  
communication skills; highly  
skilled at translating business  
needs into technical requirements

## EXECUTIVE SUMMARY

A data science student looking to leverage analytical expertise  
in a technical product engineering or data management role to  
help teams optimize ROI. Passionate about empowering women  
in technology, accessibility, education, finance, and healthcare.

## PROFESSIONAL EXPERIENCE

### Software Engineering Intern | React | New Relic, Inc.

Refactored detailed log views using internal platform API  
components, enabling 2-way "logs-in-context" capabilities.

Worked cross-functionally with PMs in an agile environment to  
drive E2E execution of MVPs through weekly sprints.

May 2020 - Aug 2020 | San Francisco, CA

### Data Science Intern | Python | Queenly Inc.

Used statistical analysis to build a *"more like this"* feature through  
text-mining, leading to a 30% increase in engagement.

Wrote data jobs in Python to calculate and send daily metrics.

Feb 2020 - May 2020 | San Francisco, CA

### Product Manager + Analyst Intern | SQL | Yup Technologies, Inc.

Built and facilitated Periscope dashboard design and delivery of  
key product metrics to minimize time to refining product strategy.

Initiated data-driven decision-making through cross-examination  
of product metrics to identify opportunities and improvements.

Sep 2019 - Nov 2019 | San Francisco, CA

### Deal Strategy + Analytics Intern | SQL | New Relic, Inc.

Defined framework for internal data migration into a centralized  
Periscope dashboard for KPI tracking across team functions.

Blended quantitative and qualitative methods to develop optimal  
pricing framework and better inform deal strategy decisions.

May 2019 - Aug 2019 | San Francisco, CA

// Website: <https://erinyliu.com>