

# Kai Malloy

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## Education

**University of California, Irvine** - Donald Bren School of Information and Computer Sciences | Dean's List  
Fall 2017-present | GPA: 3.72/4.00 | Expected Graduation Bachelor of Science June 2021

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## Programming Skills

### Languages

- Python, Java, C, C++, R, HTML, CSS, JavaScript

### Skills

- Android Development, iOS Development, Data Visualization with Python & R, Machine Learning, Web Development, Git, Unit Testing, Scripting, Assembly (MIPS), Unix/Linux Shell

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## Work Experience

### Apple | iPhone Quality Engineer Intern

January 2019 – July 2019

- Compile large amounts of iPhone Failure Analysis data and find trends by experimenting with different means of visualization
- Present data to teammates and decide on further avenues of research as well as ways to refine the data visualization through multiple iterations
- Design and develop apps from scripts as a lasting and user-friendly tool for other teammates

### AppJam+ | Mobile Application Mentor

September 2018 – December 2018

- Teach programming concepts through mobile application development to middle school students in Orange County
- Manage students' project from concept to completion: brainstorming, refining the app idea, splitting up tasks, creating and maintaining a schedule, teaching and advising
- Prepare students for a final showcase to show their completed mobile app

### Givsum | Special Projects Intern

March 2018 – June 2018

- Design and brainstorm features for improving user experience for the company website while incorporating feedback from teammates
- Implement a calendar view of volunteer events from scratch as a test feature for the company website
- Collect user feedback and make adjustments

### Rivet Learning | Python Instructor

June 2017 – August 2017

- Create a curriculum for teaching introductory programming concepts for a summer camp
- Prepare software programming lessons and teach multiple classes
- Maintain a rigorous schedule for students to keep them on track

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## Relevant Coursework

Machine Learning and Data Mining  
Introduction to Artificial Intelligence  
Intermediate Programming (Python)

Data Structure Implementation and Analysis (C++)  
Discrete Mathematics for Computer Science  
Introduction to Probability and Statistics for Computer Science

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## Language Skills

Bilingual: fluent in Japanese (spoken, written), English