

Justin Hong

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

COMPUTER SCIENCE AND MOLECULAR AND CELLULAR BIOLOGY DOUBLE MAJOR

Expected May 2019 | Berkeley, CA

Cumulative GPA: 3.98/4.0

Awards:

The Jim and Donna Gray Endowment Award: Awarded to students in their junior year who have demonstrated both high scholastic achievement and financial need.

Relevant Coursework:

Machine Learning (CS189 - concurrent), Probability and Random Processes (EE126 - concurrent), Operating Systems (CS162), Linear Algebra (MATH110), Algorithms (CS170), Artificial Intelligence (CS188), Intro EE (EE16A), Discrete Mathematics and Probability (CS70), Machine Structures (CS61C), Data Structures (CS61B), Structure and Interpretation of Computer Programs (CS61A)

EXPERIENCE

PALANTIR | INCOMING SOFTWARE ENGINEERING INTERN

Sum 2018 | New York, NY

AFFINITY | SOFTWARE ENGINEERING INTERN

May 2017 – Aug 2017 | San Francisco, CA

- Worked across the full stack to implement new features and improve UX for a smart CRM product.
- Sinatra (Ruby) backend, front-end with React.js.
- Pushed over 4000 lines of reviewed code to production.

INTERNATIONAL COMPUTER SCIENCE INSTITUTE | UNDERGRADUATE RESEARCHER

Sep 2017 – Dec 2017 | Berkeley, CA

- Conducted research on improving search for Hesperian Health Guides utilizing NLU.

UC BERKELEY EECS DEPARTMENT | CS61A UNDERGRADUATE STUDENT INSTRUCTOR

Aug 2017 – Dec 2017 | Berkeley, CA

- Taught and reviewed introductory computer science concepts such as higher-order functions and recursion.
- Constructed grading rubrics designed to evaluate students fairly on exam questions.

PROJECTS

SHIP

Oct 2016

- A twist on the traditional dating app, allowing a user to partner two other people to chat.
- Project developed within 36 hours during CalHacks 3.0 using Ruby on Rails and React.js.

ANALYSIS OF PRIMATE EXPRESSION AND SEQUENCE DATA

Jun 2016 - Jul 2016

- Computational research utilizing the R PIGShift library and BioPerl modules.

LANGUAGES

PROGRAMMING

Proficient:

Python • Java • JavaScript • Ruby

Familiar:

C • R • Perl • SQL

SPOKEN & WRITTEN

Native fluency:

English

Working Proficiency:

Korean, French