

# Alexander Hwang

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## SKILLS

*Notable Language Experience:*

Java    Python    C

*Familiar Systems and Software:*

Windows    Linux    Git    Eclipse

## EDUCATION

**UNIVERSITY OF CALIFORNIA, BERKELEY**

**Fa '14 to Sp '18**

**Bachelor of Science, Electrical Engineering and Computer Science**

**Technical GPA: 3.97**

*Completed Coursework:*

Structure & Interpretation of Computer Programs

Data Structures

Discrete Mathematics and Probability Theory

Machine Structures

Designing Information Devices and Systems I

*Current Coursework:*

Efficient Algorithms & Intractable Problems

Introduction to Artificial Intelligence

Designing Information Devices & Systems II

## NOTABLE ACADEMIC PROJECTS

*Scheme*

Python

Developed interactive interpreter for subset of Scheme, including tokenizer, syntactic analyzer and evaluator

*NGordNet*

Java

Text based data analysis of word frequencies, relationships, and evolution in the English language using Google Books NGram data

*Gitlet*

Java

Compact version control system; learned serialization, file management, and extensively utilized Java API

## ACTIVITIES AND EXPERIENCE

*UC Berkeley Residence Hall Assembly Representative*

Fa '14 to Sp '15

- Planned and organize large campus events such as end-of-the-year dances, anniversary celebrations, and trick-or-treating for local children
- Served as a liaison between Clark Kerr Campus and UC Berkeley RHA

*CS 61A Lab Assistant & Academic Intern*

Sp '15

- Taught and provided office hours for class, Structure and Interpretation of Computer Programs

*CS 61B Lab Assistant & Academic Intern*

Fa '15, Sp '16

- Taught and provided office hours for class, Data Structures

*Eta Kappa Nu Officer*

current

- National EECS Honors Society at UC Berkeley
- Provide tutoring, exam preparation, and support for EECS classes
- Provide tours of the EECS department and introduce local high school students to EECS