

Alexander Hwang

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SKILLS

Language Experience:

Java	SQL	HTML
Python	Assembly (MIPS)	CSS
C	Scheme (LISP)	L ^A T _E X

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
Major GPA: 3.95

Completed Coursework:

Structure & Interpretation of Computer Programs Data Structures

Current Coursework:

Discrete Mathematics and Probability Theory Machine Structures
Designing Information Devices and Systems I

Anticipated Coursework:

Efficient Algorithms & Intractable Problems Introduction to Artificial Intelligence
Designing Information Devices & Systems II User Interface Design & Development

SELECT ACADEMIC PROJECTS

Scheme—Python CS 61A
Developed interpreter for subset of Scheme, including tokenizer, syntactic analyzer and evaluator

Ngordnet—Java CS 61B
Text based data analysis of word frequencies, relationships, and evolution in the English language using Google Books Ngram data and map structures

Gitlet—Java CS 61B
Compact version control system; learned serialization, file management, and extensively utilized Java API

ACTIVITIES AND EXPERIENCE

UC Berkeley Residence Hall Assembly Representative Fa '15 to Sp '18

- 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

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

CS 61B Lab Assistant & Academic Intern current

- Taached and provided office hours for class, Data Structures

Eta Kappa Nu Candidate current