

Alexander Hwang

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OBJECTIVE	An internship in the software development field with interests in algorithms and artificial intelligence.		
SKILLS	<i>Language Experience:</i> Java, Python, C, SQL, Assembly (MIPS), HTML, CSS, L ^A T _E X, Scheme (LISP) <i>Systems and Software:</i> 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		
	<i>Completed Coursework:</i> Structure and Interpretation of Computer Programs [CS], Data Structures [CS] <i>Current Coursework:</i> Machine Structures [CS], Discrete Mathematics and Probability Theory [CS], Designing Information Devices and Systems I [EE] <i>Anticipated Coursework:</i> Efficient Algorithms and Intractable Problems [CS], Introduction to Artificial Intelligence [CS], User Interface Design and Development [CS], Designing Information Devices and Systems II [EE]		
ACADEMIC PROJECTS	<i>Scheme</i> —Python	CS 61A	
	Developed interpreter for subset of Scheme, including tokenizer, syntactic analyzer and evaluator		
	<i>Ngordnet</i> —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		
	<i>Gitlet</i> —Java	CS 61B	
	Compact version control system; learned serialization, file management, and extensively utilized Java API		
ACTIVITIES AND EXPERIENCE	<i>UC Berkeley Residence Hall Assembly Representative</i>	Fa '15 to S '18	
	<ul style="list-style-type: none">Planned and organize large campus events such as end-of-the-year dances, anniversary celebrations, and trick-or-treating for local childrenServed as a liaison between Clark Kerr Campus and UC Berkeley RHA		
	<i>CS 61A Academic Intern</i>	Spring '15	
	<ul style="list-style-type: none">Teached and provided office hours for class, Structure and Interpretation of Computer Programs		
	<i>CS 61B Academic Intern</i>	current	
	<ul style="list-style-type: none">Teached and provided office hours for class, Data Structures		
	<i>Eta Kappa Nu Candidate</i>	current	