Zain Jandali

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EDUCATION

University of California, Berkeley   **August 2019 - Present**
BA, Computer Science   *Berkeley, CA*
Relevant Coursework: Computer Science 61A The Structure and Interpretation of Computer Programs, Computer Science 61B Data Structures, Computer Science 70 Discrete Mathematics and Probability Theory, Data Science 100 Principles and Techniques of Data Science, Computer Science 198 IOS Development, Electrical Engineering 16A Designing Information Devices and Systems

PROJECTS

Gitlet
- A git-like version control system developed using Java that models the hash-based storage system that git provides.
- Includes primary local git commands such as add, commit, remove, branch, merge etc. as well as standard remote commands such as add-remote, push, fetch, and pull.

Lines of Action
- The two-player game Lines of Action developed using Java.
- Created an AI for the game through the development of a minimax game search algorithm/tree with alpha-beta pruning.

Scheme Interpreter
- An interpreter developed using Python that fully implements the Scheme programming language.

Signpost
- The game Signpost developed using Java.
- Designed the software using the model-view-controller program.

Enigma
- Simulation of the notorious German WWII Enigma machine developed using Java.
- Encrypted and decrypted messages of large length by replicating full Enigma functionality (plugboards, rotors, permutations, etc.)

SKILLS

- Languages: Html, Java, Python, Swift, Scheme, SQL, JavaScript, CSS, node, bootstrap,
- Technologies/Frameworks: Git, Xcode

Honors & Awards

UCLA Freshman Regents Scholarship   **March 2019**
- Awarded in 2019 for being in the top 1.5% of admitted UCLA students as chosen by a committee of esteemed faculty members.

UCLA Alumni Scholarship   **March 2019**
- Awarded in 2019 for demonstrating academic excellence, powerful leadership, and a desire to effect positive change through an application screening process by alumni volunteers and UCLA Financial Aid and Scholarships.

WORK EXPERIENCE

Precision Management Services, LLC   **July 2020 – Present**
Property Manager Intern   *Richmond, CA*
- Manage operations of various properties throughout the Bay Area including resource management, repairs, supervision of property workers, etc.
- Curate a list of wholesaling properties, contact said owners, and gather information on the properties.

1951 Coffee Company   **June 2018 – May 2019**
Head English Tutor   *Berkeley, CA*
- Tutored refugee baristas by creating personal lesson plans.
- Assisted baristas in navigating a potential collegiate career.