SHARON YE

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
B.A in Computer Science
B.S in Business Administration
Cumulative GPA: 3.92

RELEVANT COURSEWORK:
Structure and Interpretation of Computer Programs
Data Structures
Multivariable Calculus
Linear Algebra and Differential Equations
Principles of Business
Economics

ACTIVITIES:
Game Design & Development
Alpha Kappa Psi
Associated Students of the University of California
Upsync Corporation

PROGRAMMING LANGUAGES

Java
Python
HTML
CSS
SQL
Scheme

SKILLS

Unity
Excel
Photoshop
Illustrator
Data Analysis
Research
Leadership
Communication

PROJECTS

TETARTO
Co-Developer, Designer
- Built a top-down storyline exploration game in C# using Unity Game Engine
- Designed all scenes, characters, and puzzles in pseudo-3D using Adobe Photoshop CC and animated using Unity Game Engine

GITLET
Developer
- Developed my own interactive version-control system that can save, restore, and merge directories of files/commits by manipulating various data structures
- The program also keeps track of different commit branches and allows users to collaborate with others on projects

MAPS
Developer
- Created a Voronoi diagram depicting individual and average restaurant ratings using the Yelp academic dataset
- Developed using Python and utilized machine learning to provide user-friendly and visual-friendly displays

DATABASE
Developer
- Built a relational database management system (DBMS) and a domain-specific language (DSL) that stores tables of information and allows users to create, load, insert, join, and select tables and data

CHECKERS
Developer
- Built a virtual checkers game with user v. machine and machine v. machine plays
- Utilized alpha-beta pruning to develop the artificial intelligence of machine player

PROFESSIONAL EXPERIENCE

KONVIV   Berkeley, CA
Business Development & Research Intern   January 2017 - Present
- Designed app wireframes and built professional pitch deck to deliver to banks
- Built fintech competitor landscape chart and analyzed fintech and millennial market to suggest product improvements and differentiation strategies
- Strategized fundraising efforts and raised $100,000 through research of grants, crowdfunding, ventures, and angels

ONTRACK ENGINEERING LTD.   Prague, Czech Republic
Project Management Summer Intern   June 2017 - August 2017
- Analyzed Ukraine's economic opportunities to prepare for company expansion
- Researched into PLM implementations in oil and gas sector businesses to develop client's new management system
- Developed presentations and white papers on OnTrack services and projects

ASUC (Associated Students of the University of California)   Berkeley, CA
Finance Associate   August 2016 - Present
- Allocated over $1M in funds to student organizations for 2017-2018 fiscal year
- Reviewed budget statements and outlines for each government office
- Built comparative budget analyses to assess Berkeley's financial health trends