ANDREW WAN

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OBJECTIVES

- An able, enthusiastic, skilled, and reliable individual who is excited to utilize my technology knowledge to help build digital solutions for the future.

EDUCATION

UC Berkeley | Berkeley, CA

Computer Science Major (Aug 2017 – Present)

- GPA: 3.90
- Computer Science courses taken: CS 61A – The Structure and Interpretation of Computer Programs: A+, CS 61B – Data Structures: A, CS 70 – Discrete Mathematics and Probability Theory: A.
- Computer Science courses in progress: CS 61C – Great Ideas in Computer Architecture, CS 188 – Introduction to Artificial Intelligence.

WORK EXPERIENCE

Bank of America | Oakland, CA

Digital Ambassador Intern (Jun 2018 – Jul 2018)

- Engaged customers in the lobby to inform, educate and assist clients on how to conduct simple transactions through self-service technologies.
- Leveraged available resources and technologies to optimize the client experience and connected clients to the appropriate teammate to help them achieve their financial goals.
- Assisted clients with inquiries and problem resolution in a professional and composed manner, and escalated issues to manager when needed.

UC Berkeley Academic Talent Development Program | Berkeley, CA

Assistant Teacher (Jun 2014 – Aug 2014, Jun 2017 – Aug 2017)

- Assisted teaching Global Programs Introduction to Programming in summer 2017. Helped international students understand basic Python syntax and introductory logic and algorithms. Graded quizzes and occasionally helped translate for the Chinese students in both Cantonese and Mandarin.
- Helped teach Introduction to Robotics in summer 2017. Guided students in the process of building and wiring Bluetooth Arduino robot cars. Supervised the hands-on soldering station.
- Assisted teaching Computer Engineering in summer 2014. Prepared and graded electronic quizzes, using tools such as Google Forms. Tutored and helped students understand virtual circuit building and MIPS.

Head-Royce School | Oakland, CA

Technology Department Assistant (Jun 2017 – Aug 2017)

- Developed and packaged printer driver installation apps using bash scripts.
- Created an indexed front-end user interface for teachers and students to download off of.
- Sorted, labeled and updated iPads for over 300 middle school students in the HRS 1:1 program.
- Replaced computer labs and laptop carts: wiped, loaded, and configured OS's, performed cable management duties, and cloned machines using NetInstall.

PROJECTS AND ADDITIONAL SKILLS

- **Video Game Modification**: Developed 2 mods for Sid Meier's Civilization Beyond Earth using SQL and XML that have a combined 1300 subscribers on the Steam Workshop.
- **Pioneers in Engineering at Berkeley**: Helped build the new field control system for the PiE robotics competition. Designed the front-end interface for staff members with HTML/CSS and built intermediate Python servers to connect the LCM communications system to the staff controls GUI, scoreboard GUI, and robot runtime program. Utilized flask-socketio and gevent for asynchronous processing of LCM messages.
- **Gaming at Berkeley**: Currently an officer in Gaming at Berkeley and Hearthstone team coordinator for Cal Esports. Helped plan and organize activities for LAN and viewing parties. Participated in outreach endeavors for the club.
- **Business Careers in Entertainment Club**: Member of the Spring 2018 video games committee. Helped plan a networking event with various professionals from the video game industry.
- **Computer Languages and Frameworks**: Familiar with Java and Python. Proficiency in HTML/CSS/JavaScript, SQL, assembly, and Scheme. Have utilized Bootstrap, jQuery, and SocketIO.
- **Languages**: Proficiency with Cantonese and Mandarin.