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 and manage digital solutions for the future.

EDUCATION

UC Berkeley | Berkeley, CA

Computer Science Major (Aug 2017 – May 2021)

- GPA: 3.93
- Selected Coursework: Data Structures, Computer Architecture, Artificial Intelligence, Efficient Algorithms and Intractable Problems, Software Engineering, Principles & Techniques of Data Science, Discrete Mathematics, Probability Theory, Concepts of Probability, Multivariable Calculus, Linear Algebra, Abstract Algebra.

WORK EXPERIENCE

Web Spiders Pte. Ltd. | Singapore

Software Development Intern (Jun 2019 – Jul 2019)

- Created a PWA (Progressive Web Application) for enterprise event engagement services that allows attendees to answer polls, ask questions to the presenter, and upvote good questions.
- Designed app interfaces using material design motifs and created the app in React.js and utilized libraries such as axios for API connections and react-router in order to display the right views for the users.
- Reviewed and QA'd existing products in order to provide feedback for design improvements and bug fixes.
- Created writeups for cybersecurity concerns meant to be accessible to other developers unfamiliar with the issues.

UC Berkeley Residential and Student Service Programs | Berkeley, CA

eSports Student Assistant (Aug 2018 – Present)

- Assisted with customer inquiries, provided information on community center procedures and policies, and processed transactions.
- Diagnosed hardware issues involving gaming headsets and computer peripherals and software issues, such as audio problems or game launcher complications.
- Refereed intramural League of Legends matches and verified intramural policies were followed.
- Managed center cleanliness and tidiness by regularly wiping down keyboards and mice and resetting gaming chairs.

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.

PROJECTS AND ADDITIONAL SKILLS

- **Languages**: Proficiency with Cantonese and Mandarin.
- **Video Game Modification**: Designed and created 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 back-end communications system to the staff control and scoreboard interfaces and robot control system. Utilized flask, socket.io, and gevent for asynchronous processing of messages.
- **Personal Website**: Wrote webpages for my personal portfolio at andrewwan.org using HTML/CSS/Javascript.
- **Gaming at Berkeley**: Currently a Gaming at Berkeley officer and senior Hearthstone team coordinator for Cal Esports. Developed plans and organized activities for LAN and viewing parties. Participated in club outreach.
- **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**: Proficiency with Java, Python, and HTML/CSS/JavaScript. Familiar with C, SQL, assembly, Scheme, and Ruby on Rails. Have utilized React, Bootstrap, jQuery, and Socket.io.