GRACE WILSON

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EDUCATION

University of California, Los Angeles (UCLA) | Los Angeles, CA   *September 2020 - (June 2025)*
Bachelors of Science, Computer Science
Relevant Coursework: Intro to Comp Science, Fundamentals of Comp Science, Computer Organization, Software Construction, Programming Languages, Introduction to Algorithms and Complexity

EXPERIENCE

IT Technician | CPA Collective | *Remote*   *March 2023 - Present*
Installing, maintaining and repairing software components of the organization's computers; Automating & streamlining several internal processes such as new client onboarding and distributing information to clients and employees
- Partnered with a graphic designer to revamp company website, receiving over 1.4k pageviews per month
- Fabricated and organized the dispatching of emails to over 300 clients
- Devised and implemented client onboarding funnel, stitching together over 10 different softwares and APIs, and cutting onboarding time by 70%

Frontend Developer Intern | Retune | *Los Angeles, CA*   *September 2022 - Present*
As a member of DevX club at UCLA, contributed to the design and creation a full stack revolutionary music social media platform, allowing users to discover music based on real-time location and from other participating members of the community
- Wrote code in Javascript for several front-end features using React-Native, Node.js and Expo and the Spotify API
- Constructed audio object used in several elements within the application
- Collaborated in a team and participated in weekly meetings with 14 other engineers

Technology Specialist | Church of Jesus Christ of Latter-day Saints | *Houston, TX*   *October 2021 - March 2022*
Responsible for all things technology for those working as missionaries in the Eastern Houston Metropolitan area
- Devised application which pulled phone numbers from a database online, converted to google contacts and then distributed to over 200 mobile phones using React, Node.js, and Javascript using Google People API and SQL
- Collaborated with other technology specialists to design and develop systems to optimize office workflows
- Planned and held instructional workshops, frequently met with the Mission President to identify and solve problems, and provided 24/7 tech support for 200 people

PROJECTS

Web Application | *Independent Full Stack Developer* | Topo   *August 2023*
(Javascript, Node.js, Google Maps)
Web application that takes an input number of miles and gives the route with the least amount of elevation gain
- Employs the use of several data structures and algorithms like Priority Queues and Dijkstra's Algorithm as well as Insertion and Bubble sorting

Mobile Application | *Independent Full Stack Developer* | Record Swap   *March 2023 - Present*
(JavaScript, Node.js, MongoDB, Expo, Express.js, REST)
An iPhone App which connects and syncs with a spotify account and allows user to easily share music with their friends
- Designed and implemented application that supports user log-in, authentication and syncing with Spotify, adding and removing of friends and plans to add iphone widget feature in the future

Full Stack Web Application | *Front End Developer* | BruinBuy   *February 2023*
(JavaScript, Node.js, Google Firebase, Express.js, REST)
Web application where students at UCLA can buy and sell products to other students
- Wrote the algorithm and built the search mechanism to filter and find items in the database

Mobile Application | *Independent Full Stack Developer* | The Race   *January 2019*
(Swift, Google Firebase)
Application created to be used in conjunction with a large scale scavenger hunt, providing clues and displaying real time data
- Built from scratch in Swift and utilized Google Firebase to scan and upload information; Designed custom user interface, and animations to deliver a smooth and enjoyable experience to 10 teams of participants

TECHNICAL SKILLS

- Languages: C, C++, Python, Bash
- Full stack development: HTML, CSS, JavaScript
- Effective collaborator or independent worker with leadership and communication skill