Sean Reynolds

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https://screynolds16.github.io/portfolio/

Education

University of California, San Diego	June 2020
B.S. Cognitive Science, Specialization in Design and Human Computer Interaction (HCI)	

Codecademy(Web Development Track, advanced focus on HTML and CSS; Learn SQL)	Ongoing
Los Gatos High School	June 2016

Experience

Palo Alto Health Sciences	**Kirkland, WA**
Software Development Intern	*June 2020 - Current*

- Developing web and Android applications for alumni of the Freespira treatment
- Performing usability analysis on Freespira App and recommend changes for improvements by incorporating feedback from end users and R&D team.
- Working closely with other software engineers to improve workflow and usability of Freespira application for current patients

Stanford Research Institute	**Menlo Park, CA**
IT Student Associate	*June 2017 - September 2017*

- Key contributor to developing an efficient ticketing system for the IT Department through use case testing.
- Troubleshoot software and hardware issues on employee-owned computers and phones on the Menlo Park campus.
- Coordinated efforts to organize and install software and hardware across current and onboarding employees.
- Communicated with off-campus employees over the phone and through email to resolve issues with their devices

UCSD Triton Athletic Council (TAC)	**La Jolla, CA**
Men's Rowing Representative	*June 2017 - June 2019*

- Representative for UCSD Men's Rowing on the school board, athletics department, and Triton Athletic Council representatives on other Division I and II teams at our school
- Collaborated with other sport-team representatives to organize philanthropic fundraising events for Make-A-Wish Foundation
- Communicated the thoughts and concerns of the athletics department and school board with my team

UCSD Bookstore	**La Jolla, CA**
Loss Prevention Associate	*May 2019 - February 2020*
Loss Prevention Lead Agent	*February 2020 - June 2020*

- Worked on a team of 12 agents to ensure the safety of merchandise, employees, and customers.
- Reviewing video in real time to ensure the approaching agents have completely accurate information
- Approaching and detaining subjects while keeping other agents informed on the situation
- Reviewing suspicious web orders in a timely matter to ensure the charges were not fraudulent
- Compiling cases using Microsoft office to pass off to either the Office of Student Conduct or UC Police Department

Extracurricular Activities

Division I NCAA Athlete   **La Jolla, CA**
UCSD Men's Rowing   *September 2016 - May 2019*
- Practiced 20+ hours a week throughout the school year, starting the day with practice at 5-6am daily and again after classes
- Raced in the 2nd varsity boat during the team's first back to back national championship appearances
- Elected as Triton Athletic Council representative for the team during my second and third years

UCSD Sigma Chi   **La Jolla, CA**
Active Member   *May 2019 - June 2020*
- Awarded "Outstanding Interfraternity Chapter of the Year" for exemplary philanthropic and scholarly efforts

Project Portfolio

Freespira Alumni App (Palo Alto Health Sciences)   **June 2020**
- Individually developing and designing a web app and Android app for alumni of the Freespira treatment
- The app allows alumni of the program who no longer use the device to have easy access to breathing tones that were frequently used during their treatment
- The app includes a visual and auditory queue for an amount of time the user selects and at a pace the user selects
- Web app uses HTML, CSS, and Javascript; Android app uses XML and Java

Spotify Playlist Generator Based on Genres   **April 2020**
(**https://www.songsorter.com**)
- Studied the Spotify API to understand different requests and privileges
- Practiced using these requests to understand what information they revealed and how we could manipulate this information
- Working with one partner to develop an algorithm using Python and the JSON formatted information returned by the API calls to create playlists for users based on the genre of music and sort user's songs into those playlists
- Using Flask framework to create web application based on above functionality
- Deployed to Linux server and am currently performing first round of user testing

Health Data Analysis and Visualization   **January 2020 - March 2020**
(**https://github.com/COGS108/FinalProjects-Wi20/blob/master/FinalProject_group083.ipynb**)
- Worked in a group of five selecting multiple data sets to analyse and visualize
- Used Python to manipulate dataframes, clean the data, observe entries, and perform statistical tests.
- Compared counties based on their population density with the rates of various mental and physical health conditions

Quarantine Application Prototype Design   **April 2020 - June 2020**
(**https://www.figma.com/proto/4hXPL5SIPf6mH1GvCi4l7p/DSGN100-A4?node-id=210%3A483&scaling=scale-down**)
- Worked in a group of four others to complete the first steps of the design process for a mobile app to help out the population during COVID-19 quarantine
- Performed user research and testing to decide on an app that would benefit people during lockdown
- Used Figma and Adobe Illustrator to create visually pleasing and functional prototypes
- Iterated prototypes based on user feedback

Application Framework and Design   **January 2019 - March 2019**
- Coded and implemented the design for an application intended for use by collegiate coaches and athletes using HTML, CSS, and JavaScript coding languages
- Worked with a team of three others to implement application layout, user workflow, and front-end data input and display

- The application would accept values of names, practice times, and practice descriptions and display to the users this information in a more digestible manner than currently used by most collegiate athletics teams.

Skills and Relevant Courses

Programming Languages: Java (advanced), Python (intermediate), HTML (intermediate), CSS (intermediate), JavaScript (intermediate), SQL (intermediate), C (intermediate), XML (beginner)

Courses: Data Structures & Object-Oriented Designs (Linux, Java and C), Interaction Design (HTML and CSS), Computer Organization and Systems Programming (Linux, Java and C), Data Science in Practice (Python, Git, GitHub)