Faris Ashai

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Education

UC San Diego - La Jolla, CA (3.76 GPA)   *Sept 2019 - June 2023*

B.S. in Mathematics-Computer Science

Minor in Interdisciplinary Computing in the Arts - Music

Relevant Coursework

- Data Structures, Systems Programming and Software Techniques, Software Tools Lab, Theory of Computation, Honors Linear Algebra/Calculus Sequence, Abstract Algebra, Statistics

Leadership and Activities

ACM Dimensions: Tech Committee   *April 2020 - Present*

- Developed a conference website in React and SCSS on a large team with continuous testing for code quality, responsiveness, and scalability

TritonHacks Events Committee (Technical Lead)   *Sept 2020 - Present*

- Produced material for and taught a detailed beginner-friendly workshop series on front-end web development in HTML, CSS, & JavaScript

CSE Independent Study w/ Prof. Paul Cao   *Mar 2021 - June 2021*

- Authored a broad educational curriculum in preparation for the USA Computing Olympiad competition
- Taught data structures and algorithms through clear step-by-step instructions with pseudocode

TritonHacks Publicity and Outreach Committee (Social Media Manager)   *Sept 2020 - Present*

- Independently managed all social media & brand image to 200+ followers
- Designed all posts & kept attendees updated and engaged with event logistics

ACM Hack: Tech Event Lead   *Dec 2019 - April 2020*

- Created and taught workshops on multiple languages and frameworks to 50+ students

ACM Diamond Staff Member   *Dec 2019 - June 2020*

- Assisted with 20+ technical and social events, planning logistics & ensuring all went well

Projects

ASAP Response (BeachHacks 2021: **Most Innovative Hack)**

- Designed and implemented a React front end UI with MapboxGL and used REST APIs to integrate with a back-end database and app
- Led a team of 4 with effective communication to delegate tasks and ensure an optimal workflow during the 24-hour competition

ResReview (SDHacks 2021)

- Delivered a clean front-end build for a responsive website with URL queries and client-side page routing
- Prototyped multiple page layouts in Figma to design a smooth user experience

Skills

Languages: Java, C, C++, Python, ARM, R, Markdown, LaTeX, MATLAB, HTML, CSS, JavaScript

Libraries and Frameworks: React, JavaFX, NodeJS