

Japneet Singh

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Experience

Undergraduate Researcher

University Of Maryland, College Park, MD, May 2018 - Present

Working on causal analysis of ecological data using information theory techniques.

Using Transfer Entropy, Granger Causality, and CCM to interpret the direction flow in the system and comparing the results of the three methods.

FrontEnd Developer

Technica, College Park, MD, April 2018 - Present

Building our own Expo to give more control to organizers and sponsors over voting and winner decision.

Used React.js to increase code reusability by 30%.

Brainstormed and lead the UI team to build the Expo UI.

Network Intern

Qlicket, New Delhi, IN, May 2017 - July 2017

Assessed networking/telecommunications systems, procedures and information requirements.

Escalated issues to Network Engineers or Network Team Lead.

Monitored, and maintained anti-virus programs to ensure network and systems integrity.

Assisted with design and configuration, and managed network security features for local and wide area networks.

Projects

FIFA Desktop Notifier

Technology Used: R

Made a desktop notifier for Football Worldcup 2018.

Tweeter

Technology Used : Javascript, HTML, CSS, D3.js

Sentiment Analysis of user's Tweets.

Leftovers

Technology Used: React.js, Bulma CSS

Generates meal plans for the day based on calculated calorie intake. Also generates recipes for le

Autonomous Vehicle

Technology Used: Arduino

Built an autonomous car to navigate through obstacles and perform chemical neutralization.

Education

BS Computer Science

University Of Maryland • College Park, MD • 2021 • 3.65 GPA

Skills

Javascript HTML5 CSS SCSS • React.js Redux Firebase • Java C++ R SQL • Routing Technologies Switching VPN • Adobe Suite