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Nicholas Kniola
Full Stack Developer

TECHNICAL SKILLS

Strong: JavaScript (ES5/ES6), React.js, Node.js, Express, HTML5, CSS3, Bootstrap 4, Flexbox, RESTful APIs (Ajax/Fetch), HTTPie
Experienced: jQuery, PostgreSQL, Redux, React Native, Python, Semantic UI, Socket.io, Google Maps API
Tools: Git, GitHub, Agile Methodology, VS Code, Figma, npm, Slack, React Dev Tools, Webpack, Heroku, JSON, Babel, Bash, Photoshop

APPLICATIONS DEVELOPED

Hang [GitHub](#) | [Live](#)
- Hang is a social web application passion project which pairs users up for activities based on common interests.
- Developed as a single page mobile responsive application in **React.js**, with **Semantic UI** components.
- Built backend in **Node.js** with **Express** and **PostgreSQL** to store user account data, used **Google Maps API** for fetching location data, and implemented **Socket.io** to allow for live messaging.

Crypto [GitHub](#) | [Live](#)
- Crypto is a mobile first web app which allows users to quickly track prices of cryptocurrencies with up-to-date market information.
- Developed in **JavaScript** to create cards of crypto data based on queries and allow adding or removing favorites to local storage.
- Retrieved **JSON** cryptocurrency market data asynchronously from the CoinGecko API using **AJAX** requests.

Wireless [GitHub](#) | [Live](#)
- Wireless is a mobile first wireless network web application, which allows users to easily select plans based on features.
- Constructed with form and button components from the **Bootstrap** framework, and designed to be responsive.
- Implemented **jQuery** and **JavaScript** methods for search functionality and wireless plan selection.

PROFESSIONAL EXPERIENCE

Quality Assurance Operator, Visual Data Media Services, Burbank, CA   Jun '18 - Feb '20
- Meticulously reviewed video files, surround/stereo audio files, and dub cards of TV shows and movies for quality.
- Composed detailed reports of technical specifications, noting audio/video errors and time codes of subtitles and text.
- Improved rate of content redelivery by accurately approving or rejecting client and company altered files based on criteria for popular streaming platforms, helping company win Netflix Partner of the Year award for asset quality.

Data IO Operator, Stargate Studios , South Pasadena, CA   Oct '16 - Nov '17
- Conducted data offloads, managed backup to LTO tape, initiated Python checksums, and implemented FTP transfers.
- Coordinated video database and organized assets with relevant keywords and descriptions.
- Assisted chief technology officer in performing Google account management and Windows installations.

Web Designer, Lafayette Terminal Services , Lafayette, IN   Jul '08 - May '16
- Designed and updated a user-friendly website for a transportation company.
- Created user interface, designed clear layout, managed hosting, and periodically updated website.

EDUCATION

School of The Art Institute of Chicago, Bachelor of Fine Arts: Film and New Media, Chicago, IL   May '15

LearningFuze, Accelerated Web Development Program, Irvine, CA   Jan '21
Developed personal and group full stack web applications in JavaScript, React.js, Node, and Express through the course of 800 hours (60 hours/week) in a simulated agile work environment, relying on documentation for learning new technologies.

Nucamp, Front End Web And Mobile Development Program, Los Angeles, CA   Sep '20