

David Kirshon

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Web developer

Overview Web developer driven by solutions that focus on providing the best user experience while upholding code quality. Background in product management and systems design, using a holistic and logical approach toward complex problem solving.

Projects Where's Narwhal

- User interactive dynamic character identification list using React state hooks
- Time tracking with JavaScript Date object and React effect/state hooks
- High score display and logging using Cloud Firestore Database and array filtering
- Character coordinate verification using Firestore and viewport dimensions
- Image stored in file storage fetched with Firebase Cloud Storage API

Shopping Cart

- Page routing for products, listings and shopping cart using React Router
- Product details integrated from a web API through JavaScript fetch/async/await
- Management of cart information across multiple components using React state hooks

Weather Widget

- City based weather shaped from JSON data obtained through Open Weather Map API
- Custom validity on HTML input field to alert user of broken API city searches
- Dark mode CSS for night time cities using JavaScript Date object

Work History

Chief Engineer

January 2019 - April 2021

NAVSEA Naval Undersea Warfare Center - Keyport, WA

Managed and directed a data transfer web application and storage system. In addition, directed the integration of 3rd party software applications on the system platform.

- Managed a Microsoft SQL Server, data, and software application transition project between 12 different government and industry organizations that affected the entire submarine and aircraft carrier fleet, completed 3 weeks ahead of a 12 week schedule
- Lead a 20+ person multi-disciplinary team using task tracking with Jira and Confluence
- Directed a \$5 million infrastructure and software system upgrade from design to test

Systems Engineer

March 2017 - December 2018

NAVSEA Naval Undersea Warfare Center - Keyport, WA

Architected and managed a mapping and tracking Java application. Supported the In-Service Engineering Agent for maintenance planning.

- Developed and managed system requirements for new and existing software features
- Developed software interface design documentation for software system integration
- Directed multi-disciplinary team meetings to identify and evaluate project scope
- Represented the project during certifications, working groups, and program reviews

Electrical Engineer

September 2014 - March 2017

NAVSEA Naval Undersea Warfare Center - Keyport, WA

Supported multiple diverse projects on a rotational series in the Naval Acquisition Development Program.

- Wrote and verified multiple Software Qualification Test Certification (SQTC) reports
- Produced interface code between thermal printer and microcontroller for bitmap printing

Education University of Washington - Seattle, WA

December 2018

Master of Engineering in Industrial and Systems Engineering, GPA: 3.91

University of California, San Diego - La Jolla, CA

June 2014

B.S. Electrical Engineering: Electronic Devices and Materials, GPA: 3.33