Oceane Andreis

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Education

University of Colorado Boulder, CO
Bachelor of Arts, Computer Science (May 2020)
Master of Science, Creative Technology and Design (May 2022)

Skills

- JavaScript, Typescript, Python, React, Next.JS, Cesium, Docker, Podman, W3C Accessibility, Kubernetes, Linux, Git, C#, HTML, CSS, SASS, LESS, Helm, Traefik, P5.JS, SQL, FastAPI, Grype, Cypress, Figma, ZMQ

Experience

ASSOCIATE SOFTWARE ENGINEER | 05/2022 to Current
SciTec - Boulder
- Created end-to-end CI/CD pipelines, automating code building, unit testing, vulnerability checks, and Docker image creation and deployment to a Docker registry.
- Developed comprehensive documentation and provided mentorship to onboard new team members, ensuring smooth integration and knowledge transfer.
- Played a key role in making critical software architecture and deployment decisions, ensuring scalability, performance, and maintainability of systems.
- Designed and developed Low and High fidelity prototypes, enabling efficient validation and iteration of user interfaces and functionalities.
- Coordinated efforts to process real-time data, implementing effective strategies for data collection, analysis, and visualization.
- Extended features in NextJS for real time analysis using Cesium, Python, and Redis

WEB DEVELOPER | 01/2022 to Current
SuperHumane - Remote
- Conducted thorough accessibility audits on multiple software applications to ensure compliance with WCAG standards.
- Implemented improvements to the user interface, optimizing usability and enhancing user engagement.
- Fixed code in the frontend using VUE.js and GraphQL to ensure smooth functionality and include customer feedback.
- Committed to delivering high-quality, accessible web solutions that prioritize inclusive user experiences.

SOFTWARE ENGINEERING INTERN | 05/2021 to 05/2022
Hitachi Energy - Broomfield, Colorado
- Extended a C# API to process different types of forecast data from a postgres database. Pair programmed and unit tested while improving the architecture of the API.
- Built production deployment pipelines with Kubernetes on Azure DevOps to publish a web app.
- Designed the Front-End with React, AntDesign and Rechart to display data from an API.
- Collaborated on automated ETL Pipelines to support new data files.

LAB ASSISTANT | 01/2021 to 05/2022
University of Colorado Boulder - Boulder, Colorado
- Designate time outside of class each week to provide students with skilled help on various HTML, CSS, and JavaScript projects. Responsible for grading finished projects and giving constructive feedback to students on both the technical and aesthetic aspects of their assignments.
- Lead students through lab assignments designed to teach the fundamentals of web development. Additionally, create learning resources to accompany recitations and provide additional code examples to supplement lecture materials.

Project

Asian Erasure | 4/2021 – 04/2022
- Programmed a website to display valuable and clean data about the AAPI community.
- Utilized React, Next.JS, and SASS to create an organized and expandable open-source project.
- Collaborated through git and active weekly stand up to deploy the finished product via Netlify.