

AYMERIC FOYER

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WORK EXPERIENCE

Amazon Web Services, Denver, CO

April 2021-Present

Front-End Engineer

- Design and implement dashboards and pages for data center monitoring across the globe using React, TypeScript, Figma, GraphQL, and AWS-specific tools (Lambda, AppSync, CodePipeline, CodeArtifact)
- Transitioned repository design library to next major version, upgrading all affected components, creating reusable components, and updating unit and end-to-end tests
- Carry on-call duties by contacting teams around the world such as Japan, Ireland, France, India, and resolve 80+ outstanding tickets
- Deployed our application to a new region (Dubai) and onboarded features to 4 existing regions.
- Led the team to switch from Sketch to Figma by creating reusable design components specific to the team's needs following AWS design principles, allowing for a smoother transition and quicker, more collaborative mockup creation
- Lead UI/UX discussions with data center operators about our application, outlining 6 new features on existing pages and 3 new pages to expand and enhance data center monitoring
- Create base architecture (custom routing, interaction, build/test settings) and layout for a new application for data center use using React, Redux, SCSS, and RESTful APIs

Freelance Web Developer, Kansas City, MO

July 2020-September 2020

- Built websites using React, JavaScript, HTML and SCSS
- Designed and updated the client's website with a responsive design to showcase current books and authors.
- Improved website load times, speeding rendering up by around 60%
- Reduced overall file sizes by about 90%, further improving SEO

PROJECTS

Pantonify, <https://pantonify.herokuapp.com/>

February 2021

[NextJS, React, TypeScript, SCSS]

- Created by myself
- Created a web app that takes the user's top Spotify tracks and creates a color guide card
- Used methods and libraries to get the average color of the track's album and match it with the closest Pantone color
- Used Spotify's RESTful API to fetch user's tracks and process colors using album art

Radiosity-Based Renderer, github.com/afoyer/GlobalIllumination-Radiosity

October 2019

[Java, JavaFX]

- A 2-person project over 1 week
- Created a customizable dot-matrix structure on 3D planes for light calculations using arrays and linear calculations
- Improved rendering speed by adding light path checking functions

EDUCATION

Colorado College, Colorado Springs, CO

May 2020

Bachelor of Arts; Major: Computer Science, Minor: Japanese Language

TECHNICAL SKILLS

Programming Languages:

TypeScript, JavaScript (ES6), HTML,
CSS\SCSS, Java

Tools:

React, React-Native, Jest, Mocha,
Cypress, NodeJS, RESTful APIs,
GraphQL, Adobe Creative Suite,
Figma, Sketch, Git, AWS

Spoken Languages:

French
English