

# 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](https://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*

**KCP International Language School**, Tokyo, Japan

Summer 2018

*Completed Japanese level 3 language program*

## 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