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

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

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

TECHNICAL SKILLS

Programming Languages:	*Tools*:	*Spoken Languages*:
TypeScript, JavaScript (ES6), HTML, CSS\SCSS, Java.	React, React-Native, Jest, Mocha, Cypress, NodeJS, RESTful APIs, GraphQL, Adobe Creative Suite, Figma, Sketch, Git, AWS.	French English