# Aymeric Foyer

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## Work Experience

**Front End Engineer**                                                                          April 2021
*Amazon Web Services*

- 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 . . .).
- Successfully 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 through contacting other teams and resolving outstanding tickets.
- 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 customers for our application for new features and improvements.
- Create base architecture (custom routing, interaction, build/test settings) and layout for new application for data center use using React, Redux, SCSS and RESTful APIs.

## Education

**Colorado College** | Bachelor of Arts in Computer Science          August 2016 - May 2020
- *Japanese Linguistics Minor.*

## Projects

**Pantonify**                                                                          February 2021
[NextJS, React, TypeScript, SCSS]                              https://pantonify.herokuapp.com/
- Created Webapp that takes the user's top Spotify tracks and creates a color guide card.
- Used methods and libraries to get the average color of 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**                                                          October 2019
[Java]
- 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:** TypeScript, JavaScript (ES6), HTML, CSS\SCSS, Java.
**Other:** React, React-Native, Jest, Mocha, Cypress, NodeJS, RESTful APIs, GraphQL, Adobe Creative Suite, Figma, Sketch, Git, AWS.
**Spoken Languages:** French, English