

# Daniel Herrerias

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## EXPERIENCE

### **Audible, Newark, NJ** - *Software Development Engineer I*

JANUARY 2022 - JANUARY 2024

- Developed and integrated new full stack functionalities ranging from S to XL complexity for internal data ingestion and management application for Audible's entire content catalog with user base of several hundred operators; utilizing technology stack of React, Java and AWS, skewed heavily toward frontend development
- Contributed to reimplementation of legacy React app by creating components ranging from a navbar and a global search to an entirely new page, removing technical debt and ensuring compliance with the latest code conventions, such as React hooks and functional programming
- Performed an in-depth investigation of Amazon's internal design systems to facilitate subsequent app software migration to a modern frontend design system, paving the way for a more cohesive and user-friendly UI for data ingestion app
- Managed the migration process of data ingestion app, transitioning from a system with credentials changes every 8 hours to a more secure system with credential changes every 15 minutes with AWS IAM roles
- Participated in monthly on-call rotations to promptly resolve bugs and cater to user requirements in real-time

### **Deutsche Bank, New York, NY** - *Technology Analyst*

AUGUST 2021 - DECEMBER 2021

- Developed Python scripts to automate data transfer between Excel spreadsheets, reducing manual task processing time from approximately 2 hours to a matter of seconds
- Provided team with new insights on their data by introducing data visualization to the report for the first time

### **University of Michigan, Ann Arbor, MI** - *Software Engineering Instructional Aide*

AUGUST 2020 - DECEMBER 2020

- Developed Python scripts to automate the randomization of exam questions from a JSON question repository for the course's custom online test-taking interface during remote semester

## PERSONAL PROJECTS

### **Personal Website** - *danielherrerias.com*

- Designed and developed a fully responsive personal website from scratch using Next.js and Tailwind CSS

## EDUCATION

### **University of Michigan, Ann Arbor** - *Bachelor of Science in Computer Science*

AUGUST 2017 - DECEMBER 2020

## SKILLS

- **Programming Languages:** JavaScript, Python, C++, Java
- **Software Development:** Git
- **Web Development:** React, Bootstrap, Flask, HTML, CSS, NextJS, TailwindCSS, Redux, Jest
- **Amazon System Tech:** Meridian design system, Polaris, CR process
- **Cloud Computing:** AWS (S3, Cloudfront, Cloudsearch, IAM)