Claire Thibodeaux

Full Stack Developer | Software Developer

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EDUCATION

Bachelor of Arts in Computer Science
University of California, Berkeley (Spring 2023)
GPA: 3.74/4.0

EXPERIENCE

2021

Amazon
Amazon Future Engineer Intern (May 2021 - Aug 2021)

Worked on creating an internal tool for Amazon's Community Trust Organization. Created a web portal and worked on back-end, utilizing Amazon Technologies such as **API Gateway**, **Lambda Functions**, **DynamoDB**, **IAM**, **Cloudwatch**, and **Cloudformation**. Used **Java** and **Typescript** in the project.

2021

Juni Learning
Computer Science Instructor (Dec 2020 - Present)
Teaching young students coding principles and foundations based on a Juni Learning curriculum in MIT's **Scratch** programming language, **Python**, **Java**, **Javascript**, **CSS**, and **HTML**

2021

Codebase at UC Berkeley
Vice President of External (May 2021 - Present)

In charge of Codebase, a student tech organization, semester recruitment, external company events and outreach, blogs/social media presence, and professional development for members. Events planned include a virtual career fair and industry talks with Wix and Desmo

2021

Computer Science Mentors at UC Berkeley
Computer Science Mentor (Feb 2021 - May 2021)

Holding bi-weekly classes with a small group of students to review course material and prepare for exams for the Structure and Interpretation of Computer Programs course at UC Berkeley. Worked in **Python**, **Scheme**, and **SQL**

2020

Google
Computer Science Summer Institute (CSSI) Scholar (Jul 2020)

Learning and developing web applications using **Python**, **HTML**, **CSS**, **JavaScript**, **APIs**, and **Google App Engine**. Created a web animation as the final project.

2019

Riot Games
Girls Who Code Summer Immersion Program Participant (June 2019 - Aug 2019)

Introduction coding program for females, learning about the tech industry, learning **Python**, **HTML**, **CSS**, and **JavaScript**. Learned the website creation process

SKILLS

Technical

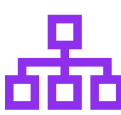|		
Python	Typescript	React
Java	Git	SQL
Javascript	Node.js	HTML/CSS

COURSES

- *Data Structures*
- *The Structure and Interpretation of Computer Programs*
- *Great Ideas of Computer Architecture (Machine Structures)*
- *Discrete Mathematics and Probability Theory*
- *Introduction to Cloud Computing*

PROJECTS

- **Postman Integration Workflow, Codebase Client Project**

  Spring 2021, UC Berkeley

  Created various integration workflows and a public workspace for Postman. Utilized **Javascript**/**Chai.js**, **HTML/CSS**, **HTTP APIs**, and **Webhooks**. Gained experience with **Microsoft Azure**, **Amazon Web Services**, and **Google Cloud Platform**.

- **Gitlet, Data Structures Project**

  Spring 2021, UC Berkeley

  Creating a version control system which mimics some of the basic features of Git, as well as some additional features, working with **Java** and utilizing data structures

- **CoFED Web Portal, Codebase Mentored Project**

  Fall 2020, UC Berkeley

  Created a full stack web-development, helping connect different co-ops, for a nonprofit, working with **React**, **SQL**, **HTML**, and **CSS**.

- **Ecoasis, Girls Who Code Project**

  Summer 2019, Riot Games

  Created an interactive, educational website focused on addressing environmental concerns using **Javascript**, **CSS**, and **HTML**.