

- Hayward, CA California State University, Fall 2020 - Spring 2021
East Bay

- **Frontend:** Javascript, React, Typescript, CSS3, Sass, HTML5, Webpack, Responsive Design
- **Backend:** Node.js, Express.js, JWT, MySQL, MongoDB, Mongoose
- **DevOps:** AWS(S3, EC2, CodePipeline, Route53), Docker

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| Software Engineer, Contract | Hause of Brands | Spring 2021 - Summer 2021 |
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- Devised successful course for website development utilizing MongoDB, Express, React, and Node.js.
- Streamlined data exchanges between dealerships and admin in a wholesale re-marketing environment.
- Designed backend system with custom modules to integrate with designs and requirements
 - Maintained and authenticated security information with middle-ware and JSON web tokens.
 - Built RESTful routing to post, get, and patch data requested from routes.
 - Interacted with MongoDB using CRUD for required data manipulation.
- Optimized page loading times by utilizing pagination that would coordinate with server-side code.
- Implemented notification service to send emails based on different actions for both user and admin
- Hosted weekly sprints to track progress and plan website milestones in collaboration with clients.
- Deployed front-end with AWS S3 and back-end with Docker container running in AWS EC2.

- Software Engineer, Contract Brooks And Bridges Summer 2020 - Winter 2020

- Worked with a team of four developers in the development for a party rental company's website.
- Regularly conducted code reviews, daily stand ups, and weekly sprint planning.
 - Followed Agile methods such as backlog grooming, daily scrums, and spring retrospectives.
- Built frontend with React/Typescript and designed backend with MongoDB, Node.js, and Jade/Pug.

- ## Projects

- **Personal Online Portfolio** (maherhalabi.com). Developed a website showcasing my experiences and projects using Gatsby. React, Gatsby, Sass, AWS(S3 Bucket, Route 53).
 - Leveraged Git to streamline the deployment process.
 - Secured website with AWS Certificate Manager.
- **Coronavirus Tracker** ([another-coronavirus-tracker.s3](https://another-coronavirus-tracker.s3.amazonaws.com)). Deployed website that visualizes real-time API for cases, deaths, and recoveries for either a country or worldwide with reusable React components and data visualization tools. React, AWS(S3, CodePipeline).
 - Constructed algorithms that requests JSON API and return results for 7-day averages, heat-map, composed charts, and calculating cases per hundred.
- **Pong** (3g2.github.io/rally/). Configured collision detection, AI behavior, and game design principles to result in a game that emulates the classic game pong. HTML5, Javascript

- Archery, Photography, Travelling, Learning, Fitness, Camping