LEILA BERROUAYEL

Web/Software Developer

Reliable, committed, and dependable Web/Software Developer with 2+ years working as a Teaching Assistant in a university's Computer Science Department while pursuing a Master's degree. An additional 2+ years working in an oil company's IT team has helped develop communication, initiative, and management skills necessary to succeed in a team environment.

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EDUCATION

COMPUTER SCIENCE AND WEB DEVELOPMENT
LAMBDA SCHOOL

09/2018 – Present

- Lambda School is a 18+ months Computer Science & Software Engineering Academy that provides an immersive hands-on curriculum with a focus on computer science, software engineering, and web development.
- Approached all coding challenges using pair programming.
- Wrote production-ready code using ReactJS, Redux, and CSS on the frontend and NodeJS and Express on the backend to build single page applications.
- Utilized agile software development and Git workflow on all projects.
- Gained hands-on experience with client and server testing.
- Consistently completed projects and met stretch goals for all curriculum course work including: React, Redux, Node, Express, Jest, Python, etc.

Master's in Computer Science
UNIVERSITY OF HOUSTON

1998 – 2001

- Master's Thesis - "An Object Oriented Subsystem for Learning Directions and their Relationships" - Developed an object-oriented subsystem, part of a large learning program, using C++ in a team of two.
- Teaching Assistant - Supervised the assembly, and C programming course lab. Graded programming assignments and tests. Provided help and assistance to students as needed.

WORK EXPERIENCE

Systems Analyst
ANADARKO PETROLEUM

2002 – 2004

- Point of contact for customizing Documentum (Document Management Software) to fit user's needs - Java - HTML.
- Managed Employee Training (documentation and training manual) and Administration (provide accounts, fix problems, help users with daily tasks) of StarTeam (team collaboration software).

SKILLS

JavaScript React Redux React Hooks CSS

HTML Node.js Express RESTful APIs graphQl

Testing - Jest Python Django Pusher

PERSONAL PROJECTS

Hello Melon (05/2019 – 07/2019)

- Hello Melon is a simple, user friendly nutrition tracking application that provides a visualization of eating patterns and nutritional data to empower people to take control of their health.
- Took responsibility for major parts of back-end and front-end acting as a full stack developer.
- Effectively communicating any setbacks and successes with team members.
- Rapidly and successfully implemented a new technology (GraphQL) on the back end.
- This application was built by a remote team of 6 (then 4) people managed and guided by Lambda School's Team Leads. It took about 10 weeks to build (working mostly nights).
- Tech: React - GraphQl - sqlite3 - Stripe - MaterialUI - Styled Components.
- Application: https://hello-melon-lambda.netlify.com/
- Code: https://github.com/labspt3-nutrition-tracker

Forget Me Not (09/2019)

- Forget Me Not is an application that sends thoughtful messages, on your behalf, to people you know on their special day.
- Got selected as a team lead for this project, managing and guiding a remote team of 5 (working mostly nights) for about 2 weeks.
- Took responsibility for the majority of the back-end portion of the app.
- Refactored code and added new technology (Redux for example) to create Forget Me Not.
- Tech: React - React Hooks - Redux - Node - SQLite - Sendgrid - MaterialUI - Styled Components
- Application: https://forgetmenot.netlify.com/
- code: https://github.com/leila100/forgetMeNot
- Old Application: https://friends-reminder.netlify.com/

Lambda MUD (09/2019)

- A multiplayer real-time world combining maze traversing, and online chat. Players select their avatar, and then find their way to the door. Players can also interact with each other by using a chatroom.
- Rapidly and successfully implemented new technology (Django, Pusher).
- Took responsibility for the majority of the back end portion of the app.
- Built from scratch in less than two weeks along with four other developers in an Agile environment.
- Tech: React - React - Django - SQLite - Pusher - SASS - Styled Components.
- Application: https://lambda-mud7.netlify.com/
- code: https://github.com/LambdaMUD