

Krista Rutz

Software Engineer | JavaScript and C# | github.com/KristaRutz | linkedin.com/in/kristarutz

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DEVELOPMENT EXPERIENCE

EchoEcho, Oakland, CA (Remote) - Software Engineering Intern

JUNE 2020 – PRESENT

- Design and develop 3-4 tickets per week on client-side React application, using a git-based CI/CD Agile development environment and a combination of pair and solo programming
- Major projects include architecting an in-app toast notification system and an automated product walk-through of natural language processing podcasting interface, both using Redux
- Updated 60%+ of site with responsive, mobile-friendly styles from design team's mocks
- Increase test coverage of concurrently growing app for functions (by 21%), branches and statements (10%), and lines (9%) in first month using test-driven development practices

Epicodus, Seattle, WA - Team Week Lead

FEBRUARY 2020 & APRIL 2020

- Developed MVP idea, assigned tasks, designed database, and project-managed two projects
- Coordinated stand-ups, code reviews, and integration of the back end to interface using GitHub

PROJECTS

StoryJam Collaborative Writing Application | story-jam.firebaseio.com/

- Mimics the pen-and-paper activity with simple, modern UI and allows group of authorized users to collectively build a story with dynamic data contributions for public or private viewing
- Uses React, Firebase, and NoSQL database to allow flexible manipulation of project data.

National Parks Database API | github.com/KristaRutz/National_Parks_API

- RESTful API in C# using JSON data and MySQL database, with multiple query term endpoints
- Get/post data on U.S. National Parks closures during this unusual time

Zine Maker Social Media Client | github.com/ZineMaker/ZineClient.Solution

- ASP .NET Core MVC project allows users to curate shared digital magazine publications for web
- Mobile-friendly responsive design keeps site readable for smart-phone and desktop users alike

ADDITIONAL EXPERIENCE

Sisters Interior Redesign, Edmonds, WA - Assistant Manager and Assistant Designer

JUNE 2017 – JANUARY 2020

- Increase jobsite work potential by 50% by managing crew logistics, transport of design assets, new hire training, and implementation of customized interior designs in 300+ client interactions
- Promoted for problem-solving skills, detail-oriented design sensibility, and leadership ability

Freelance STEM Tutoring, Edmonds, WA & Berlin, DE - Academic Tutor

SEPTEMBER 2009 – DECEMBER 2018

- Demonstrated highly developed quantitative reasoning and communication skills teaching 5 math courses from algebra to calculus, and chemistry, biology, and syntax
- Increased scores of failing students by up to 25% in long-term course grade and up to 35% on specific exams through personalized curriculum of example problem analysis, theory, and testing techniques
- Enabled students (age 12 to 60) from 6+ language backgrounds by acknowledging minority status and utilizing a method of flexible goal-setting and continuous progress evaluation

SKILLS

Front-end UX/UI • Object-oriented programming (OOP)
• Functional programming • Team-oriented • Adaptive learner and problem-solver • German & Spanish

TECHNOLOGIES

C# STACK

Including ASP.NET Core framework, Razor pages with MVC pattern, Entity Framework ORM

JAVASCRIPT STACK

ES6 proficiency, including React, Redux, Node, webpack, Firebase, jQuery, Jest and Enzyme testing

Git version control software and GitHub

HTML5 and CSS

Graphic design with Figma and Adobe Creative Suite (Lightroom, Illustrator, & Photoshop)

SQL and NoSQL database design and implementation

RESTful web services and HTTP-based APIs

Java

HONORS

Fulbright Scholar, September 2017 - July 2018

Diversity Program grantee in Berlin, Germany

1st Place: Novice Category, November 2014

5C Hackathon in Claremont, CA

EDUCATION

Epicodus, Seattle, WA - Mobile and Web Development Certificate

JANUARY 2020 - MAY 2020

- 1000+ hours of full-stack experience with modern web development tools and best practices, including command line, BDD, TDD, pair/swarm programming, and Agile methods
- Designed and implemented features for over 60 robust web applications, databases, and APIs

Pomona College, Claremont, CA - B.A. in International Relations

AUGUST 2013 - MAY 2017 | **3.8 GPA**

- Research grant winner for Turkey-EU relations thesis, study abroad in Germany and Turkey
- Computer Science lab in Java and Hackathon participation