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Kirren Covey
SOFTWARE DEVELOPER

Technologies & Tools

- React.js
- Javascript
- HTML5
- CSS3
- Git/GitHub
- C#
- ASP.NET
- SQL Server
- Azure Data Studio
- Visual Studio & VSCode

Personal Projects

BRIDGE!

As a zookeeper, part of my job was training animals and recording training session data. But training sessions happen in the field, nowhere near a computer, sometimes hours before I'd get computer access. I created Bridge! to provide a mobile solution. Users can add animals and behaviors, record training sessions on the go, and view training history.

Bridge! is a mobile-friendly single-page application built with React.js. It has full CRUD functionality. Photos uploaded by users are stored with Firebase. Styling was done using Reactstrap elements in conjunction with my own CSS.

🌐 **trainingbridge.app**

⭘ **github.com /kirrencovey/bridge**

ZOOLIST

I love zoos, and wherever I travel, I try to visit as many as possible. But there are tons of zoos, many of which I've never even heard of, and it's hard to remember where I've been, and when. ZooList allows users to view a list of zoos and related animal facilities, add them to their wishlist, and record their visits. Users can also use the trips feature to create itineraries, and can add multiple zoos to each trip.
ZooList is a C# web application built with ASP.NET using Entity and Identity frameworks, and SQL Server as the database engine.

⭘ **github.com /kirrencovey/ZooList**

About Me

In my first career as a zookeeper, I was driven by my passion for animals and conservation. I loved caring for animals and educating the public about issues I care so much about, but I longed for greater intellectual challenge and more growth opportunities. I'd heard developers in my life discussing their work, always excited by the challenges and problem-solving opportunities it presented. I was intrigued, and with a little investigation I quickly knew that this could be my forever career. Software development presents the opportunity for a true lifetime of learning. I'm excited to be entering a field so diverse and rich in application. I remain passionate about animals and conservation, and hope to find ways to apply my new technical skills to those fields one day.

Work Experience

FULL STACK DEVELOPER

Nashville Software School   Dec 2018 - Present

Intensive full-time software development boot camp focusing on full stack development fundamentals, problem-solving, and teamwork.

- Application of OOP fundamentals through group and individual projects reflecting real world business problems
- Source code version control with Git/GitHub
- Project management/tracking with Github Projects & Issue Tracking
- JavaScript fundamentals using DRY, modular, readable code and reusable components
- Built single page web applications using HTML, CSS, JavaScript, React, C#, and ASP.NET
- Task Automation with Grunt, ESLint, and Browserify
- Application design through white boarding dependencies and building ERD's
- Created and manipulated databases using SQL, ADO.NET, and Azure Data Studio
- Second half of course simulated a company environment with scrum methodology

ZOOKEEPER

Nashville Zoo, Nashville, TN   June 2013 - Dec 2018

- Zookeeper specializing in hoofed mammals
- Responsible for all aspects of daily care, training, and enrichment
- Guest education in both formal keeper chats and on private tours
- Hiring, training, scheduling, and managing interns
- Planning and executing fundraising events as part of the Nashville chapter of the American Association of Zookeepers (volunteer work)

VETERINARY CLINIC ASSISTANT

Animal Medical Service, Yakima, WA   Oct 2011 - June 2013

- Responsible for all office duties in a small veterinary practice
- Maintaining detailed animal records
- Assisting with animal procedures as needed

Education

Full Stack Software Development   Dec 2018 - June 2019
Nashville Software School

Bachelor of Science, Biology   Sept 2006 - June 2010
Central Washington University   Summa Cum Laude