Logan Zipkes

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http://loganzipkes.com/ | https://www.linkedin.com/in/loganzipkes/ | https://github.com/LFZ96

Employment

Software Developer, Intern

NFP: Insurance Brokerage and Consulting | Austin, Texas | May 2018 – August 2018

- Designed and built an Excel web application with a team of developers that allowed company brokers to edit and modify their clients' insurance plans, resulting in a more familiar and time-saving environment
- Utilized TypeScript and React to build the frontend, and C# to build the RESTful backend
- Delivered a powerful end-of-internship presentation to the company's Chief Technology Officer, several department heads, and the rest of the Austin interns and their respective teams
- Maintained a ticket queue for reported bugs and defects for the company's various applications

Projects

Blog – *Personal, April 2020*   *https://logan-zipkes-blog.herokuapp.com/*

- Developed a full stack blog with rich features such as user authentication/authorization using sessions, client-side and server-side input validation with error handling, user posts that accept markdown, and the ability to create, read, update, and delete posts depending on whether or not a user is authorized to do so.
- Designed a RESTful backend Node.js Express server that connects to a MongoDB Atlas cloud database to store users and posts.
- Implemented React on the frontend to utilize protected routes and fetch HTTP requests, as well as having integrated Bootstrap 4 for an aesthetically pleasing user experience.
- Utilized: Node.js with Express, React, MongoDB Atlas, Bootstrap 4, Cloud Storage, Heroku, BCrypt

Personal Site – *Personal, January 2020*   *http://loganzipkes.com/*

- Developed a static webpage to showcase my technical skills and projects, as well as to provide a means for employers and recruiters to reach me for professional inquiries.
- Utilized: HTML, CSS with Sass, Adobe Illustrator

UTutor – *Academic, Spring 2019*

Collaborated with a classmate in a semester-long project

- Developed a full stack web application for students and tutors at The University of Texas at Austin to connect with one another.
- Applied the LAMP stack where PHP was used to build the backend and connect to the MySQL database, and JavaScript, HTML, and CSS were used to engineer the frontend.
- Utilized: JavaScript, jQuery, AJAX, HTML, CSS, PHP, MySQL

Education

The University of Texas at Austin   Austin, Texas   Graduated December 2019

- **Major:** B.S. in Mathematics: Specialization in Scientific Computation
- **Certificate (Minor):** Elements of Computing (Computer Science)
- **Programming Coursework:** Computers/Programming, Software Design, Software Engineering, Mobile Computing, Web Programming
- **Mathematics Coursework:** Discrete Mathematics, Linear Algebra with Matrix Theory, Differential Equations with Linear Algebra, Probability, Real Analysis, Scientific Computation in Numerical Analysis, Numerical Methods for Applications

Technical Skills

- Proficient in: Express framework for Node.js, MongoDB, React, JavaScript, HTML, CSS and Sass, Git
- Familiar with: Redux, Python, PHP, Jest, TypeScript, jQuery, MySQL