

# Logan Zipkes

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## Education

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The University of Texas at Austin	Austin, Texas	Graduated December 2019
<ul style="list-style-type: none"><li>• <b>Major:</b> B.S. in Mathematics: Specialization in Scientific Computation</li><li>• <b>Certificate (Minor):</b> Elements of Computing (Computer Science)</li><li>• <b>Programming Coursework:</b> Computers/Programming, Software Design, Software Engineering, Mobile Computing, Web Programming</li><li>• <b>Mathematics Coursework:</b> Discrete Mathematics, Linear Algebra with Matrix Theory, Differential Equations with Linear Algebra, Probability, Real Analysis, Scientific Computation in Numerical Analysis, Numerical Methods for Applications</li></ul>		

## 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

### Personal Blog – Personal, April 2020

- Developed a full stack CRUD blog using Express, MongoDB, and React as a way to share my thoughts on technology.
- Designed a RESTful backend server that connected to MongoDB Atlas to store the blog data.
- Utilized: Node.js with Express, React, MongoDB Atlas, Bootstrap, Cloud Storage, Heroku

### Personal Site – Personal, January 2020

- 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.
- Gained an extensive amount of knowledge in CSS and how can Sass improve the overall development experience.
- 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

## Technical Skills

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