Logan Zipkes

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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

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 within an Excel spreadsheet that would populate with information from the company's portal, resulting in a more familiar and time-saving environment
- Utilized TypeScript and ReactJS to build the frontend, and C# and Microsoft SQL Server to build the 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

Software Projects

UTutor – *Academic, Spring 2019*
Collaborated with a classmate in a semester-long project
- Applied a LAMP paradigm to engineer a full stack tutoring web application for students and tutors at The University of Texas at Austin
- Managed deliverables using Linux
- Utilized: JavaScript, JQuery, AJAX, HTML/CSS, PHP, and SQL with MySQL

LinkedOut – *Academic, Spring 2018*
Collaborated with two classmates in a month-long project
- Applied Model-View-Controller (MVC) pattern to engineer an iOS personality-based social media app to help businesses and applicants find roles based off Myers-Briggs personality types
- Incorporated the Firebase database to take advantage of its authentication tools
- Integrated the CocoaPods dependency manager to take advantage of its vast libraries
- Utilized: Swift, Firebase Database, CocoaPods

Technical Skills

- **Proficient in:** JavaScript, Python, HTML, CSS and Sass, SQL with MySQL, Git
- **Familiar with:** React, TypeScript, JQuery, PHP, C++, Swift