

EDUCATION

- **University of North Carolina at Chapel Hill** Chapel Hill, NC
Computer Science (B.S.), Statistics and Analytics Minor; GPA: 3.68/4.00 *August 2018 - May 2021*

EXPERIENCE

- **MetLife Corporation** Cary, NC
Software Engineer *June 2021 - Present*
 - Worked as a developer on Java and .NET applications critical to MetLife's Agent Compensation business unit. Gained experience working with Docker, Azure Kubernetes Service, CI/CD pipelines, and SQL Server.
 - Used Veracode platform to identify security vulnerabilities in applications and make remediations and/or remediations.
 - Leader of Technology Currency group within MetLife. The Technology Currency group focuses on strengthening the currency posture of applications within MetLife and thus fortifying the organization's operational resilience.
- **UNC Department of Computer Science** Chapel Hill, NC
Undergraduate Research Assistant *Dec 2020 - Present*
 - Developed a Google Docs extension that helps Linguistics Researchers convert Research Materials on COVID-19 to the Federal Government's Plain Language Format. This format is accessible to Americans with reading disabilities.
 - Developed as part of a CDC contract in partnership with UNC's Center for Literacy and Disability Studies and Georgia Tech's Center for Inclusive Design and Innovation. Project results accessible at: <https://www.cdc.gov/coronavirus/2019-ncov/easy-to-read/index.html>
- **MetLife Corporation** Cary, NC
Technical Intern *June 2020 - July 2020*
 - Worked alongside Software Engineering teams to improve application performance and efficiency by connecting applications to database, designing efficient schemas, and improving query usage in applications.
 - Optimized time-intensive operations by developing PowerShell scripts that automated tasks such as database backup, restore, and reindexing which previously cost team several hours of manual effort.
 - Competed with 120+ other technical and business interns and won *Most Popular App Idea Award* for app designed as part of MetLife's annual Innovation Challenge.
- **UNC - Department of Computer Science** Chapel Hill, NC
Undergraduate Teaching Assistant *Jan 2019 - Present*
 - Provided programming expertise, conceptual understanding, conducted exam reviews, and helped with independent projects for an introductory programming class.
 - Organized and mentored students to develop coding skills during an overnight hackathon each semester. Presented workshops geared towards familiarizing students with Software Engineering principles.
 - Wrote weekly assignments and study guides to help students deepen their understanding of important programming concepts such as recursion and dynamic programming.
- **Carolina For The Kids** Chapel Hill, NC
Website Development Chair *May 2019 - August 2020*
 - Used Weebly website editor to fundamentally restructure and redesign the organization's website leading to a 20% increase in monthly visitor traffic year-over-year.
 - Designed custom timelines, buttons, and other interactive elements using a combination of HTML and CSS.

PROJECTS

- **Tar Heel Calendar (ReactJS, NodeJS, MySQL):** Created a working calendar application using ReactJS. Provides users with the ability to create and manage events for different days, weeks, and months. NodeJS was used on the server-side with a MySQL backend. Collaborated with a team of three other students to develop this website.
- **Called and Chosen Website (Angular, NodeJS):** Developed a website for a local mental health non-profit group (callednchosen.org). Developed using Angular as frontend framework with Node as web server.