

EXPERIENCE

- **Tyler Technologies, Inc** Plano, TX
Software Developer May. 2021 - Present
 - **Research:** Customer facing service that provides court and case information to legal professionals and the general public.
 - **FirmSync:** Contributed to backend service for making court and case data in Research available via endpoints.
 - **Machine Learning Pipeline:** Developed data pipeline to feed into ML algorithm to determine customer churn using S3, Lambda, and SQL.
 - **Testing:** Utilized NUnit and Moq to write unit tests for API endpoints; followed Page Object Model when writing Selenium UI tests.
 - **Development Environment:** Microservice based; AWS, ElasticSearch, C#, SQL, AngularJS.
- **RaceTrac, Inc** Atlanta, GA
Information Systems Intern May 2019 - July 2019
 - **Intranet Accounting Support:** Gathered requirements from Accounting department and developed a website to enable faster customer service support times by allowing the department to write internal codes into a SQL database.
 - **Design:** Designed support website with mentor: implemented site using MVC framework, Bootstrap, and jQuery for faster development time. Created schemas and data-flow diagrams using UML and business processes modeling notation (BPMN).
 - **Data Processing Utility:** Internal job that allows the services/amenities available at each station to be automatically updated to corporate website, with the option to export the data to JSON.
- **Projects** Remote
Hackathons and Personal Aug. 2018 - Present
 - **1st Place: BlackRock Sustainability Challenge, UGA Hackathon:** Contributed to the backend of a web app using Flask, and hosted the app on Google Compute Engine via Google Cloud Platform.
 - **1st Place: Marqeta Spring Payments Hackathon:** Contributed to the backend of EinbergAndYing.com (inactive), automating various functions of Marqeta's API for consumers; used Flask, MySQL, and Python.
 - **Web Scraper:** Utilized Python and Selenium to automate data collection from a legacy portal for a gaming company, Albany Amusement, LLC.
 - **TypeAStudent:** Currently migrating to AWS. Created a financial and college planning website based on personal experiences with dual-enrollment and finishing college in three years.

EDUCATION

- **Georgia Institute of Technology** Atlanta, GA
MS Computer Science Aug. 2020 - Dec. 2023
 - **Relevant Coursework:** Concentration in Computing Systems; Graduate Introduction to Operating Systems, Knowledge-Based Artificial Intelligence, Machine Learning for Trading
- **University of Georgia** Athens, GA
BBA Management Information Systems; GPA: 3.92/4.0 Aug. 2017 - Aug. 2020
 - **Relevant Coursework:** Concentration in Data Analytics; Certificate in Computing, which included Computer Science I & II, Data Structures, Advanced Data Analytics, Systems Programming, and Systems Analysis and Design

SKILLS AND CERTIFICATES

- **Technical:** Amazon Web Services, SageMaker, C#, SQL, Python, Elasticsearch, SMSS, AngularJS, Microsoft Excel, Proficiency in Microsoft Office Suite
- **Certificates:** Lean Six Sigma Yellow Belt