# JARED BUTLER

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**EDUCATION**

**GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing Atlanta, Georgia**

**Bachelor of Science in Computer Science GPA**: 3.45*August 2018 – May 2022*

* Threads: People & Media

**SKILLS**

**Languages:** JavaScript, HTML, CSS, Java, GML, Google Scripts, SQL

**Libraries:** React-Redux, Node.js, D3.js, Bootstrap, Material-UI, CucumberJS, Axios, Ruby Sinatra, Processing

**Software:** JavaFX, MySQL, , MongoDB, Android Studio, Chrome OS Development

**Relevant Courses:** Intro to Object-Oriented Programming, Data Structures & Algorithms, Intro to Database Systems, User Interface Design, Media Device Architecture, Objects & Design, Computer Graphics, Intro to Information Visualization

**EXPERIENCE**

**Reinsurance Group of America St. Louis, Missouri**

***IT Intern—App Development*** *Summer 2020 – Fall 2020*

* Developed a React-Redux web application and Node.JS-based API for interacting with and updating internal databases for more than 20 offices across the globe
* Created the winning dashboard, as a part of a team of interns, for the summer’s Tableau Hackathon hosted in collaboration with the St. Louis Area Food Bank
  + Dashboards created will provide STLAFB with data-based insights about where to send food
* Scored a 49/50 on final presentation of summer work; was a member of intern group that scored the most points overall from presentations and events throughout the summer
* Spent the fall working part-time developing automated tests for .NET applications using CucumberJS & WinAppDriver

**PROJECTS**

**“Self-Service Dashboard”**

***Intern Project at Reinsurance Group of America*** *Summer 2020*

* As a proof-of-concept to help the department with its acclimatization to the web stack, created a two-tier web application that allows Business Analysts to update entries in separate internal databases simultaneously
* UI layer consists of a React-Redux application, with viewing/updating interfaces for the user, that ferries update requests to the backend layer using Axios
* Backend layer, a Node.js app, exposes API routes for those requests, transforms them into Sharepoint REST calls/OracleDB SQL statements, retrieves Vault passwords for those databases, and executes them asynchronously

**“Course Critique”**

***Student Government Association*** *–* ***IT Board Project*** *Fall 2020 – Present*

* Actively developing new features as a member of the SGA IT Board’s Course Critique Team, which manages Georgia Tech’s eponymous grade-reporting web application
* Currently working on the new second iteration of Course Critique, which is built on React-Redux and incorporates modern features such as a dark mode, responsive mobile table views, and integration with RateMyProfessor

**LEADERSHIP**

**North Avenue Review Magazine (NAR)**

***Editor-in-Chief*** *Spring 2021 – Present*

* Oversees NAR’s top-level workflow, including printing schedules, finances, and collaboration with other organizations
* Continuing to personally manage the website, tweaking its design and structure while developing innovative new online-exclusive content in light of Covid and NAR’s current virtual work environment

***Marketing Editor & Website Manager*** *September 2018 – Fall 2020*

* Pioneered the Marketing Editor position, overseeing an overhaul of and new design for digital and marketing presence
  + currently maintaining the website, built on Ruby Sinatra, with API connections to Amazon S3 and Mailchimp
* Led a digital marketing campaign for a new writing event, the Write-a-thon, helping to gather new readership and submissions for upcoming issues

**Student Government Association (SGA)**

***College of Computing (CoC) Representative, Undergrad House of Representatives (UHR)*** *April 2019 – Present*

* As the CoC’s representative in UHR, acts on behalf of the College in formal financial proceedings as well as in talks and collaboration with faculty, administrators, and prospective students
* Actively worked on several important initiatives, such as authoring a bill to extend elections for the Spring of 2020 and helping to update the manual for Registered Student Organizations