# JARED BUTLER

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**EDUCATION**

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

**Bachelor of Science in Computer Science GPA**: 3.43*August 2018 – May 2022*

* Threads: People & Media

**SKILLS**

**Languages:** JavaScript, Typescript, HTML, CSS, Ruby, SQL, C#, R, Java, Google Scripts

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

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

**Relevant Courses:** Objects & Design, Data Structures & Algorithms, Intro to Database Systems, User Interface Design, Media Device Architecture, Mobile & Ubiquitous Computing, Computer Graphics, Intro to Information Visualization, Open Data w/ R

**EXPERIENCE**

**OfficeSpace Software (OSS) Alpharetta, Georgia**

***Software Engineer*** *June 2022-October 2022*

* Worked on multiple layers of OSS’s flagship application, including React frontend design, Ruby on Rails endpoint structure, and test automation in Ruby and Typescript, as a member of two full-stack teams
* Developed, and assisted with designing and testing, the first components for a new network integration feature

**Reinsurance Group of America (RGA) St. Louis, Missouri**

***IT Intern—Client Collaboration Services*** *Summer 2021*

* Deployed migrations as a member of a team managing a major overhaul of RGA’s internal file manipulation service
* Increased migration deployment rate by 13% from June to July; scored a 48/50 on final presentation of work

***IT Intern—Underwriting Solutions*** *Summer 2020 – Fall 2020*

* Designed and developed a React-Redux web app and Node.JS-based API for interacting with and updating internal databases for more than 20 offices across the globe; scored a 49/50 on final presentation of summer work
* Also developed automated tests for internal .NET applications using CucumberJS & WinAppDriver
* Created the winning visualization 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, which provided data-based insights about where to send food
* Participated in the intern group that scored the most points overall from presentations and events throughout the summer

**PROJECTS**

**“Self-Service Dashboard”**

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

* Developed the company’s first-ever React app, a two-layer web app that allows Business Analysts to update entries in separate internal databases simultaneously, as a project to help RGA acclimate to the modern React ecosystem
* 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 or OracleDB SQL statements, retrieves Vault passwords for those databases, and executes them asynchronously

**“Course Critique”**

***Student Government Association*** *–* ***IT Board Project*** *Fall 2020 – Spring 2021*

* Developed new features as a member of the SGA IT Board’s Course Critique Team, which manages Georgia Tech’s official grade-reporting web application used by GT’s student body of more than 40,000 undergraduates and graduates
* Helped build 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 – Spring 2022*

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