

Brenton Jackson

Software Developer

bjackson71@gatech.edu (478) 361-3238 | Atlanta, GA [linkedin.com/in/jacksonbrenton](https://www.linkedin.com/in/jacksonbrenton) github.com/brentonjackson brentonjackson.me

SKILLS

Languages: **JavaScript / TypeScript, MATLAB, C++**

Technologies: **React, Angular, MongoDB, Express, Node, HTML5, CSS3, Azure DevOps, AWS**

EDUCATION

Georgia Institute of Technology, Computer Engineering

2017 - 2020

Relevant Coursework:

Computing for Engineers (MATLAB)

Intro to Object Oriented Programming (Java)

Circuit Analysis

Calculus II

Differential Equations

Intro to Computing Systems (C, Assembly)

Digital Signal Processing

Digital Design Lab

Calculus III

Probability/Statistics

Engineering Software Design (C++)

Digital Systems Design

Calculus I

Linear Algebra

RELEVANT EXPERIENCE

CoreView, Junior Software Developer *Closed down operations in Atlanta in February

2020 - 2021

Developed new homepage using **React** and making it responsive with CSS

Implemented **auto bulk actions** for workflows, expanding core functionality and improving client efficiency

Applied testing principles and update codebase by refactoring Enzyme tests with React testing library

Refactored old React components using **React Hooks**, and developed front end bug fixes

Researched new solutions and created POCs to demo for migration from React to **Angular**

Data Scientist, Georgia College and State University

2016 - 2016

Awarded a research grant to continue research in astrophysics over the summer with research advisor.

Utilized **Matlab** to perform statistical analysis on X-ray source populations found from Hubble and Chandra space telescopes.

Generated new catalogues of randomly-distributed sources according to different mathematical functions to analyze spatial correlations in Matlab, running the analysis, and verifying the validity of the results.

Presented the results at the MURACE symposium.

RECENT PROJECTS

Active Buddy (in progress)

Next.js, PostgreSQL, AWS Amplify

Designing web app to help users measure progress and stay focused on long-term improvement and consistency

Building data visualization dashboard that allows users to track and measure exercise metrics

Workout Manager

<https://brentonjackson.me/projects>

React, MongoDB, Express, Node.js

Designed/launched web app that allows users to keep track of their workouts and provides motivation to persevere

Designed/implemented RESTful API to allow user to save, delete, update, and create new workouts

FitnessGram

<https://brentonjackson.me/projects>

JavaScript, CSS3, HTML

Developed site to motivate users to help motivate and hold themselves accountable while working out