

Corey Caskey

U.S. Citizen



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https://github.com/ccaskey06

Programming Languages

JavaScript, TypeScript, Python, Java,
HTML, CSS, SASS / SCSS

Frameworks, Libraries, & Runtimes

Angular, React, Node.js, Jest, Flask,
NumPy, pandas

DBMS

PostgreSQL

Platforms & Software

Hippo Bloomreach, Contentful,
Jenkins, Splunk

Other

Amazon Web Services, Git, Maven

Certifications

AWS Solutions Architect Associate

Interests

Writing, Reading, Golf, Tennis, App
Development

Education



Georgia Institute of Technology — Atlanta, GA

Aug. 2015 — May 2019

- B.S. in Computer Science

Experience



Capital One — McLean, VA

Associate Software Engineer — Full-Stack Development

Mar. 2021 — Oct. 2021

- Updated cloud inventory collection processes (Lambdas, Node.js) to store new AWS service compliance data in PostgreSQL and expose it through internal APIs
- Deployed a channel feed via Lambdas (Node.js) to publish non-compliance data to an internal streaming platform for aging and trending analysis
- Addressed various defects and optimizations within our enterprise React application to promote code modularity and ensure proper feature functionality
- Configured a backend API endpoint that reduced SQL query times of compliance data, simplified aggregation logic, and improved response speeds to the UI

Associate Software Engineer — Frontend Development

Aug. 2019 — Mar. 2021

- Supported the migration of 28+ Small Business Credit Card site pages from Contentful to Hippo Bloomreach—with an infrastructure transition to Angular 9
- Collaborated with UI/UX and business teams to scope designs within existing Angular components and outline any additional functionality items
- Paired with Consumer Credit Card teams to update core Hippo components (Java) and configure new Angular components for expanding site capabilities
- Boosted the collection of user experience and site-related metric data by implementing tracking pixels and running Adobe Target A/B tests

Verizon Connect — Atlanta, GA

Product Development Intern

Jun. 2018 — Aug. 2018

- Delivered a .NET Windows Form application (C#) to display and manage the status of critical product handler services across development environments
- Refactored static HTML templates for monthly customer marketing emails to ensure proper multi-device display and dynamic data rendering
- Developed a .NET Console Application to allow programmatic updating of consumer vehicle data in an Oracle database

John Deere Information Systems — East Moline, IL

Software Development Intern

May 2017 — Aug. 2017

- Programmed a centralized, internal web application to efficiently distribute European market analytics to employees and 700+ product dealers
- Incorporated Java Spring Boot and PostgreSQL to the React frontend—and established a Jenkins pipeline for CI/CD
- Synthesized comprehensive parsing algorithms to extract and aggregate the compiled sales data from the underlying Excel sheets

Technical Projects



Sudoku

Mar. 2020 — Jul. 2020

- Designed a Java desktop application—utilizing JavaFX and CSS for the GUI and Maven for build automation and dependency management
- Integrated an external API for generating empty Sudoku puzzles and wrapped the response data in custom-built Java classes
- Formalized a DFS, back-testing search algorithm—using core Sudoku rules as conditionals—to pre-determine the validity of a provided puzzle