Corey Caskey

U.S. Citizen

2840 Cherry Street #105
Falls Church, VA 22042

coreyrcaskey@gmail.com

717-881-2989

linkedin.com/in/caskeycorey

https://github.com/ccaskey06

Programming Languages

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

Frameworks, Libraries, & Runtimes

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

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 — Cloud & Data Engineering   **Mar. 2021 — Present**
- Updated Node.js Lambdas for cloud inventory collection to include new AWS services, and monitored the resultant data in PostgreSQL tables and public APIs
- Introduced a Node.js POC for defining schemas and producer-consumer methodologies to ingest data streams into our internal streaming platform
- Enhanced cloud processes by revising CloudFormation stack deployment templates and creating AWS CLI bash scripts to forward CloudWatch logs to Splunk
- Addressed various functionality defects within our enterprise React application—to improve the retrievability and accuracy of company cloud compliance data

Associate Software Engineer — Frontend Development   **Aug. 2019 — Mar. 2021**
- Supported the migration of 28+ Small Business Card site pages from Contentful to Hippo Bloomreach and the infrastructure transition from AngularJS to Angular
- Collaborated with UI/UX and business teams to scope designs within existing Angular components and/or outline additional functionality needed for execution
- Paired with Consumer Card teams to update core Hippo components (Java) and configure new, modularized Angular components for expanding site capabilities
- Performed several other site-related duties—such as implementing tracking pixels and creating Adobe Target tests for improving user experience

Verizon Connect — Atlanta, GA

Product Development Intern   **Jun. 2018 — Aug. 2018**
- Developed a .NET Windows Form application using C# to manage and display the status of critical product handler services across different environment servers
- Refactored static HTML templates for monthly customer marketing emails to ensure proper multi-device display and dynamic data rendering
- Delivered 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**
- Deployed a centralized, internal web application to efficiently distribute European market analytics to both employees and 700+ product dealers
- Incorporated a React frontend with a Java/Spring Boot backend and PostgreSQL database, and established a Jenkins pipeline for CI/CD
- Synthesized comprehensive parsing algorithms to extract and aggregate the compiled sales data from the underlying Excel sheet

Technical Projects

Sudoku   **Mar. 2020 — Jul. 2020**
- Programmed 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 base Sudoku puzzles and wrapped 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