

BRIANA COWLES

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PROFESSIONAL SUMMARY:

Computer science student with a passion for database management, embedded programming, and frontend development. Always ready to learn more and get invested in my next project.

EDUCATION: Rochester Institute of Technology

BS in Computer Science
GPA 3.5

Rochester, NY

Expected May 2022

Courses: Concepts of Computer Systems, Concepts of Parallel & Distributed Systems, Principles of Database Management, Database System Implementation, Mechanics of Programming

EXPERIENCE:

Constellation Brands

Web Developer/Intern

Victor, NY

1/20 – 5/20

Worked with a software team to create a program that records data from user submitted receipts into a database. Created the PostgreSQL database with AWS RDS and wrote an AWS Lambda function in Python that uses fuzzy matching to compare the truncated receipt data with actual Constellation Brands product names and records what products the user purchased, the price of the products, and the location they were purchased into the database.

VoltServer

Software Engineering Intern

East Greenwich, RI

5/20 – 12/20

Created a web application that allows users to submit internal product requests. Designed the web page using TypeScript with React, created routes to manipulate and access data using NodeJS, and designed two database tables using MSSQL to store the data.

SKILLS:

Programming Languages: JavaScript/TypeScript (React, NodeJS), C, C++, C#, Java, Python, SQL

Operating Systems: Linux, OSX, Windows

Technologies: AWS (Elastic Beanstalk, Lambda, RDS, Secrets Manager, VPC, EC2), Azure, Docker, Arduino

Other: Effective communication with coworkers, always plans ahead of pursuing projects, passionate about learning

PROJECTS:

- **Dynamic Word Counter:** React webpage that uses regular expressions to count words given user input
- **Plant Health Tracker:** uses an Arduino to take plant health measurements and displays them on a webpage built with React