

# GABRIELA MCCARTHY

## SOFTWARE ENGINEER

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Full stack developer with a background in Biology and Plant Physiology. Passion for helping businesses better serve their customers through functional, beautiful, and user-friendly websites and applications. Skilled in JavaScript, Python, React.js, PostgreSQL, Express, HTML, and CSS. Dependable and reliable, ready to learn and grow with your company.

## SKILLS

JavaScript • HTML • CSS • React • Python • SQL • Node • Flask • PostgreSQL • REST API • Git • Express • OOP

## EXPERIENCE

APRIL 2022 – FEBRUARY 2023

**SOFTWARE ENGINEER CERTIFICATE FELLOW/SPRINGBOARD, SAN FRANCISCO, CA**

- Mastered skills in front-end web development, back-end web development, databases, and data structures and algorithms
- Over 700 hours of hands-on course material, with 1:1 industry expert mentor oversight, and completion of in-depth portfolio projects

### Postharvest Database Application:

- Created a full stack app for Windham Packaging, LLC.
  - The goal was to allow users to look up postharvest data on various fruit and vegetable commodities. Admins can edit commodity information as well as view and download shelf-life studies associated with each commodity.
  - Front-end: React and Bootstrap • Back-end: Node, Express, PostgreSQL, and AWS S3.
  - Built my own API and obtained all data using research I gathered over my previous career as a Postharvest Specialist.
- @postharvest.surge.sh    github.com/gah1289/postharvest-app-backend    github.com/gah1289/postharvest-app-frontend

### Hi-Spot Condominium Application:

- Created a full stack app for Hi Spot Condominiums on Lake Winnepesaukee, NH.
  - The goal was to allow residents to access information about the condo association and pay monthly invoices online using Stripe API (Python, Flask)
  - Includes weather app using OpenWeatherMap API (JavaScript)
- @hispot-website.herokuapp.com    github.com/gah1289/hi-spot-website

JULY 2017 - PRESENT

**POSTHARVEST SPECIALIST/FRESH CHECK POSTHARVEST CONSULTING, LLC ANDOVER, MA**

- Lead software engineer responsible for developing specialized resealable packaging for fresh produce using laser technology through collaboration with Windham Packaging, LLC.
- Design and write job recipes for laser programs using 2D CAD software and operate lasers to make packaging for well-known supermarket chains
- Perform shelf life analyses on fresh produce and provide data and process recommendations to customers
- Visit customer facilities and provide consultation on process improvements
- Develop marketing or outreach media to communicate sustainability issues, procedures, or objectives

## EDUCATION

FEBRUARY 2023

**SOFTWARE ENGINEER CERTIFICATE/SPRINGBOARD, SAN FRANCISCO, CA**

AUGUST 2015

**MASTER OF SCIENCE IN HORTICULTURE/AUBURN UNIVERSITY, AUBURN, AL**

MAY 2012

**BACHELOR OF SCIENCE IN BIOLOGY/UNIVERSITY OF NEW HAMPSHIRE, DURHAM, NH**