

SETH GREENBAUM

Denver, CO 80203

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Portfolio: <https://sethgreenbaum.github.io/>

SUMMARY

Full Stack Web Developer, Process and Industrial Engineer with a background in Molecular Biology and Botany. Effective at project management and continuous improvement especially in the areas of process automation and information technology. Expertise in food science with a particular emphasis on produce and produce processing.

Reputation of reliability, quick problem solving skills, and adhering to strict standards for safety and quality.

TECHNICAL SKILLS

LANGUAGES: Javascript, HTML, CSS, Python, SQL, MongoDB, VBA, Google Apps Script

APPLICATIONS: Node.js, React.js, JQuery, MongoDB, Tableau, Periscope, Excel, Google Suite

RELEVANT EXPERIENCE

Process & Industrial Engineer

2015-Currently Employed

Hello Fresh/Green Chef

Boulder, CO

Research and Development focusing on ingredient packaging in the e-commerce meal kit industry. Continuous Improvement of industrial processes for food manufacturing, packaging, and tracking. Quality and shelf-life testing for packaged produce. Sourcing and installing machinery and equipment to further process improvements and automation. SCADA systems, facility scanners, servers and databases for tracking shipping as well as environmental monitoring, Query Tools, Data Analytics.

Research Technician

2013-2014

Oberlin College Department of Biology

Oberlin, OH

Managed Plant Molecular Biology Laboratory of Dr. Marta Laskowski, conducted and presented research on organ development and hormone-gene interactions in *Arabidopsis thaliana* at annual midwest regional meeting of American Society of Plant Biologists, assisted undergraduate research

PROJECTS

Cocktail Mixtape | <https://sethgreenbaum.github.io/GUIsProject1/> | <https://github.com/SethGreenbaum/GUIsProject1>

- Simple App for loading playlists with curated drink selections
- Responsible for javascript and jquery front-end code

Quarantinee 1.0 | <https://guis-electric-boogaloo.herokuapp.com/> | <https://github.com/SethGreenbaum/project2>

- Social Media app with forum for entertainment resources during quarantine
- Responsible for building Database, server and API, JQuery for front-end queries

Quarantinee 2.0 | <https://quarantinee.herokuapp.com/> | <https://github.com/SethGreenbaum/GUIsFinalProject>

- Updated MERN version of our Quarantinee App with user to user messaging
- Responsible for Database, Server, API, Client-side Api functions, Redux, React Components

PUBLICATIONS

Valapala M, Wilson C, Hose S, Bhutto IA, Grebe R, Dong A, Greenbaum S, Gu L, Sengupta S, Cano M, et al. Lysosomal-mediated waste clearance in retinal pigment epithelial cells is regulated by CRYBA1/βA3/A1-crystallin via V-ATPase- MTORC1 signaling. Autophagy 2014; 10:85 - 101; PMID: 24468901;

EDUCATION

Full Stack Bootcamp Certificate: University of Denver, Denver, CO

Bachelor's Degree (Biology): Oberlin College, Oberlin, OH