

# BRANT MORTON

brantmort@gmail.com | www.brantmorton.com | github.com/brantmorton

## Skills

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### Languages + Frameworks

Python  
Javascript  
Django  
React  
HTML/CSS

### Tools + Technologies

Git  
Linux  
Selenium  
Jest  
Apache

## Projects

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### Civil Construction Website

www.cccesi.com

- Worked with client to build a Full Stack web app for a local construction company.
- Built with a Django Back End and a custom HTML and CSS Front End; deployed on Apache
- Includes an application form that stores applicant information to a Postgresql database and emails HR the applicant's submitted data.
- Integrates TinyMCE module so the client can edit site content from the admin page

### Excuse Generator

www.excused-excuse-generator.herokuapp.com

- Generates categorized random excuses for the user
- Uses React Hooks on the Front End
- Sorts and randomizes data client side using stateful logic
- Built fully custom API for excuses using Django Rest Framework
- Includes Automated Unit Testing

### Portfolio Site

www.brantmorton.com

- Custom, fully responsive UI with HTML/CSS and Javascript
- Contact feature that allows visitors to email me through the site
- Back End built on Django, deployed on Apache

### Various Automation Projects

- Developed a tool to search flights to all Southwest Airlines destinations and email the results in a csv file sorted by price
- Wrote a script to constantly monitor my school website; emailed when final grades were posted
- Developed a script to try and brute force coupon codes on a specialty coffee website
- All automation done with the Selenium Webdriver in Python

## Work History

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### Process Engineer 07/2019 - present

Phillips 66, Westlake, Louisiana

- Automated data entry and spreadsheet manipulation using Python
- Provided process engineering support for simultaneous projects > \$10MM through various phases of the Front-End-Loading project management methodology
- Generated/modified process documentation routinely

## Education

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### Chemical Engineering 08/2015 - 05/2019

McNeese State University, Lake Charles, Louisiana

Minor: Mathematics GPA: 3.5