

# Jonathan Brown

A self-taught full-stack developer.

Westbury, NY

516-426-6581

[jonathanbrown.engineer@gmail.com](mailto:jonathanbrown.engineer@gmail.com)

[LinkedIn](#) [GitHub](#)

## PROJECTS

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### Do or Do Not

08/2021 - 09/2021

- Created a social task-managing full-stack web application.
- Allows you to create, share, edit (drawing and image importing features included), and complete tasks with users on your friends list.
- Includes user authentication, a friends list (received and sent friend requests) and friend alerts (ex. notifying a user when a friend has completed a shared task).
- Uses Django as the back-end web framework and React.js as the front-end library.
- All data is queried from and stored in a PostgreSQL database using a ReST API developed with Django.
- Try it here: [Do or Do Not](#).

### Love and Pain Experiment

04/2021 - 08/2021

- Created a full-stack web application to process data for an experimental questionnaire.
- The questions, possible answers, and user input are stored in a MySQL database.
- Developed a Flask ReST API used to query and manipulate the data.
- The front-end library used to present the survey is React.js.
- Upon completion, a chart is displayed which is meant to prove a psychological theory.
- Try it here: [Love and Pain](#).

### Discord Utility Bot

10/2020 - 12/2020

- Developed a Discord bot.
- Performs a variety of functions for users such as calling a Lord of the Rings or Star Wars ReST API which returns a random quote.
- The random quote along with the character's name who said it are then placed in a YouTube search to pair its respective movie scene in the response to the user.
- Other functions include but are not limited to playing music per request and remembering user-provided information (stored in a MySQL database).

## TECHNICAL SKILLS

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- > Python, Django, Flask, SQLAlchemy.
- > JavaScript, TypeScript, React.
- > Bootstrap, Material-UI, CSS, HTML.
- > SQL, PostgreSQL, MySQL.
- > Git, GitHub.
- > Firebase, Heroku.

## CERTIFICATIONS

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### Data Structures

UC San Diego (Coursera)  
06/2021 - 08/2021

### Algorithmic Toolbox

UC San Diego (Coursera)  
05/2020 - 07/2020

## EDUCATION

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### State University of New York at Old Westbury

Old Westbury, NY  
01/2011 - 05/2014  
B.A. in Psychology

### Crane School of Music

01/2011 - 03/2011

## EMPLOYMENT

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### Store Manager, LGX

Garden City, NY  
01/2018 - 08/2021