

Donovan Richardson

About

I am a full stack developer with a passion for databases and other backend technologies. It is important for me to understand patterns as well as of recognizing what these patterns can mean, and this need for understanding informs my approach to software engineering.

📍 Greater New York City Area

✉ donovanspqa@gmail.com

🌐 [linkedin.com/in/donovan-richardson/](https://www.linkedin.com/in/donovan-richardson/)

🌐 donovanrichardson.surge.sh

📞 (631) 478-4845

Programming Languages

Java JavaScript Python
Ruby

Engineering

OOP Time complexity

DevOps

AWS RDS Git GitHub
Heroku NPM

Data Systems

GTFS MongoDB
PostgreSQL QGIS

Education

General Assembly

New York, NY

06/2020 - 09/2020

Software Engineering Certificate

Throughout the 12-week Software Engineering Immersive course, I used technologies such as Express, Ruby on Rails, and Python Django, and Vue to create full-stack applications, with an emphasis on object-oriented programming and algorithmic thinking.

Northeastern University

Boston, MA

09/2014 - 12/2018

BS in Linguistics

Minors in Computer Science and Japanese

Open Source Projects

Departures

github.com/donovanrichardson/deparch

- Integrated the OpenMobilityData API to import agency-created transit data and generate departure timetables for the Long Island Rail Road and SEPTA Rail (Philadelphia).
- Designed a PostgreSQL database schema for transit data, performing multi-table joins to serve results.

PostgreSQL Express React Node.js

Job Tracker

github.com/donovanrichardson/jobs-tracker

- Created a job tracking app, using a web scraping utility to import job listings from LinkedIn and Indeed, allowing users to track their job applications.
- Utilized a text analysis package to extract keywords from job descriptions and display them in the job tracker.

MongoDB Express React Node.js

Selected Experience

Lionbridge

Linguistic Grader (Contract)

02/2019 - 08/2019

- Ensured correct and consistent performance of text-to-speech and speech recognition products for speakers of North American English.
- Managed the progression of speech recognition issues using an in-house issue tracker, collaborating with remote, cross-country, and international colleagues.
- Used regex in Unix shell to target specific kinds of issues for review.

Northeastern University NU Global

Academic Support Assistant (Co-op)

07/2016 - 12/2016

- Performed front-end and administrative tasks, including organizing and executing plans for student events, and corresponding with NU Global students and faculty.
- Compiled and organized student data using Salesforce, Excel, and Microsoft Access in collaboration with other departments to provide test score results and calculate class grades.