

Gianpaul Rachiele

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Full stack web developer and former math tutor at CUNY's Science and Technology Entry Program. Experience in Ruby and JavaScript based programming and Master of Arts in Linguistics. Strong skills in critical thinking, pattern recognition and cross-functional collaboration. Passionate about merging education and coding to impact the future of tech and the world!

TECHNICAL PROJECTS

SubjectTutor - [Frontend GitHub Repo](#) [Backend GitHub Repo](#) | [Demo](#)

An application that allows students/tutors to connect.

- Built a login portal, using React for the frontend and Ruby on Rails for the backend, to authenticate users.
- Utilized a PostgreSQL database, through Ruby on Rails, to save and populate user information.
- Created a dynamic frontend, using React and Semantic UI-React, to show user preferences.

Tekciti - [GitHub Repo](#) | [Demo](#)

Show a list of movies and showtimes at theaters near the user.

- Built a login portal, using Ruby on Rails, that allows users to create accounts and save their information.
- Created a frontend flow, with Ruby on Rails and Semantic UI, to populate theater locations and showtimes.
- Developed a database with Ruby on Rails to store user information.
- Constructed an interactive front end using Ruby on Rails and Semantic UI for styling

Todo Trackr - [GitHub Repo](#) | [Demo](#)

CLI App that tracks tasks user has set for a date/time and allows sharing tasks with users with local weather included.

- Created a CLI using Ruby, that stores information in Ruby objects and fetches current local weather from an API.
- Allowed users to add other users in the system to tasks and update those tasks.

TECHNICAL SKILLS

HTML, CSS, Ruby, Ruby on Rails, JavaScript, Node.js, React, Redux, Python, SQL, NoSQL, Agile Development

EMPLOYMENT

Queensborough Community College – Science and Technology Entry Program - Queens, NY

Math Instructor - Oct 2011 - May 2018

- Tutored groups of up to 20 students grades 6th-10th grades in Integrated Algebra.
- Constructed lesson plans and worksheets for students to foster their critical thinking and mathematical concepts.
- Introduced new mediums (video, webquests, online quizzes) for student engagement.
- Created proposed curriculum for a programming class series (Ruby, JavaScript, data structures, CLI).

Applied Biomathematics - East Setauket, NY

Administrative Assistant - Mar 2015 - Jul 2017

- Maintained company website, updated interface of website from late 1990s/early 2000s styling to modern styling.
- Filled software orders and processed payments, pushed to have more software for electronic delivery.

Bayside Business Association

Executive Assistant - Bayside, NY - Sep 2011 - Jul 2017

- Managed membership, switched web service to help automate the membership renewal process.
- Collected payment for membership dues and migrated payments to an online platform.

EDUCATION

Flatiron School - New York, NY - 2017

Full Stack Web Development Immersive, Ruby on Rails and JavaScript

Stony Brook University - Stony Brook, NY - 2009 - 2016

Master of Arts, Linguistics - Concentration in Computational Linguistics

Bachelor of Arts, Linguistics - Concentration in Syntax