Nicholas J. Bianco

Software Engineer

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PROJECTS

LinkedLift — *Full-stack single-page web app for professional networking.*

Live / GitHub

Technologies Used: Ruby, Rails, PostgreSQL, jBuilder, React, Redux.

- Created authentication system from scratch utilizing both React for user interaction coupled with data persistence stored in client side cookies and backend persistence via Rails.
- Built multiple forms to dynamically create posts, users, and employment history.
- Implemented 3 different modals for editing the user information, adding an employment for a user and editing that user's employment.

Tetris — *Classic browser tile-matching game built with ES6 and Easel.js.*

Live / GitHub

Technologies Used: JavaScript (ES6), Easel.js, HTML5 Canvas.

- Utilized arrow keys to move pieces around the board including rotational based movements.
- Added 7 Tetrominos to the game and built custom tested logic for each rotation and translation.
- Created "pause game" and "restart game" features.

Expedite — *JavaScript utility library for common operations with arrays, objects and strings.*

GitHub

Technologies Used: JavaScript (ES6).

- Implemented 30+ methods for interacting with and manipulating JavaScript data types.
- Utilized advanced algorithmic concepts including recursion and symmetrical differences.
- Used Jest to write 30+ unit tests to achieve 100% test coverage.

SKILLS

Ruby

Ruby on Rails

JavaScript (ES6)

React

Redux

HTML5

CSS3

Git

About Me Links

LinkedIn

GitHub

EXPERIENCE

Crunch Fitness, Hoboken NJ — *Personal Trainer*

May 2018 - September 2020

University of Maryland, College Park MD — *Administrative Assistant and Strength and Conditioning Intern*

August 2017 - April 2018

New Jersey Devils, Newark NJ — *Training Camp Testing Assistant*

September 14th, 2017

United States Naval Academy, Annapolis MD — *Strength and Conditioning Intern*

June 2017 - August 2017

EDUCATION

McDaniel College, Westminster MD — *Bachelor of Art in Kinesiology*

August 2013 - May 2017

- Dean's List 5 consecutive semesters.
- Study Abroad Experience (Budapest, Hungary).
- Member of the football team.
- President of Strength and Conditioning Club.

App Academy, New York NY

Intensive full-stack web development bootcamp with 3% acceptance rate. Accepted into the program; however, unfortunately could not attend in person due to COVID-19 lockdowns. Executed the curriculum at home on my own.