

# Wadah Adlan

## SOFTWARE ENGINEER

Brooklyn, New York

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### Skills

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Ruby • Rails • Python • JavaScript • React • Redux • jQuery • SQL • HTML • CSS • PostgreSQL • NoSQL • Git • Bash • AWS • Heroku • Firebase • RSpec • Jasmine • Enzyme

### Projects

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#### Counter-Stats GO

📄 GitHub 🏠 Live

A COUNTER-STRIKE GO STAT TRACKER

React.js, D3.js, Node.js, Firebase

- Parses uploaded .dem files to extract game data and visualizes it onto interactive charts via D3.js
- Employs triangulation algorithms in order to translate in-game positions onto a custom map
- Utilizes Firebase Cloud Firestore triggers for storage and real-time data manipulation

#### imGir

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SOCIAL MEDIA SITE INSPIRED BY IMGUR

Ruby on Rails, React.js, Redux

- Maximizes scalability with cloud image storage with AWS S3 and Paperclip gem
- Hashes and stores user's password digest and session token securely using BCrypt
- Incorporates polymorphic associations coupled with meta-programming to facilitate DRY code.
- Structures the database schema and leverages ActiveRecord associations as well as custom SQL queries; eliminating n+1 queries

#### HAPPY-BIRD

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AN INFINITE SIDE SCROLLER INSPIRED BY FLAPPYBIRD

Javascript

- Utilizes Vanilla JavaScript for sprite sheet animations with Canvas and requestAnimationFrame for smooth gameplay
- By employing Queue structure and custom collision on visible PIPEs, memory cost is kept at a minimum
- Tracks personal high scores and displays top 5 onto a global leaderboard
- Uses the original sprites and audio to create an authentic experience

### Experience

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#### Jersey Off Suit On - Former NY Giant Brandon London

New York, NY

CONTRACT WEB DEVELOPER

Dec. 2017 - Feb. 2018

- Incorporated YouTube, Instagram, Twitter, and SoundCloud API's to embed client's latest media content
- Tasked with complete CSS overhaul, ensuring components render correctly under various screen sizes
- Generated Infinite Scrolling for client's Blog Index; created complex SQL queries for efficient data extraction.
- Developed E2E testing to ensure modules and components functions as expected before deployment

#### Bronstein Properties

Forest Hills, NY

LEASING MANAGER

Nov. 2014 - Dec. 2016

- Sole manager of government subsidies for all properties
- Developed and documented a new workflow for translating data from PDFs into excel
- Created a script with heavy use of SQL and regular expressions to completely automate the process of subsidy renewals
- Developed an automated reporting system that ran on Microsoft Excel's VBA improving the company's conversion vacant units

### Education

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#### Hunter College

New York, NY

ENGLISH - ADOLESCENT AND CHILDHOOD EDUCATION (BA)

Mar. 2008 - 2012

- 3.85 GPA • Philosophy Minor • Dean's List

#### App Academy

New York, NY

FULL STACK WEB DEVELOPMENT COURSE

2017

- Development Fundamentals such as test-driven-development, OOP, REST, and programming best practices.