

# SEAN CHOWDHURY

3217 70th St., East Elmhurst, NY 11370

[sean Chowdhury@gmail.com](mailto:sean Chowdhury@gmail.com) | (646)-719-0205

**Linkedin:** [sean-chowdhury](#)

**Github:** [sean Chowdhury](#)

**Website:** [chardev](#)

## PROJECTS

**Kunkka** - [live link](#) - [repo](#) - Ruby on Rails, Postgres, Google Earth Engine API, Google OAuth 2.0, Heroku, React/Redux, SASS

*Nautical mapping single-page web app inspired by Strava*

- Users are allowed to create and edit custom charts using a .
- A custom terrain detection algorithm was built using Google's Earth API.
- Vector analysis and AJAX requests to NOAA's API provide the accurate float plans.

**Hawk and the Minnow** - [live link](#) - [repo](#) - JavaScript, Canvas, HTML, CSS

*A JavaScript platformer with a lot of heart*

- A polished platformer with a unique game mechanic.
- Custom collision detection functions built around the game's quirks.
- Lovingly designed.

**Command Line Chess** - [live link](#) - [repo](#) - Ruby

*Chess built from scratch for the Ruby Command Line*

- Perfectly functioning move logic for all piece types.
- Game logic detects checks/checkmates and restricts users from moving pieces into check.
- Added conditional logic for advanced moves such as en passant and castling.

## SKILLS

**Coding:** Ruby on Rails, RSpec, JavaScript, jQuery, React + Redux, SQL, Git, HTML, CSS

**Analysis:** MatLab, Excel, ArcGIS, ENVI

**Editing:** Photoshop, After Effects

## EDUCATION

**App Academy**

Spring 2017

- 1000-hour full stack web development program with <3% acceptance rate

**City College of New York**

- Bachelor of Arts, Earth and Atmospheric Sciences

2013-2016

## RELEVANT PROFESSIONAL EXPERIENCE

**District Office of Congressman Joe Crowley**

2016-2017

### Congressional Intern

- Organized logistics for fundraisers and other provided support to staffers.