

Adam Long

1511 Station Way, Huntington Station, NY 11746

adamlong1066@gmail.com | [615-418-6621](tel:615-418-6621) | [LinkedIn](#) | [Github](#) | adamhlong.com

SKILLS

React, Redux, JavaScript, jQuery, Ruby, Ruby on Rails, SQL, RSpec, Jasmine, HTML5, CSS, Git, Heroku

EXPERIENCE

App Academy, 2019-Present

Software Engineer Associate / Bootcamp Prep TA

- Guide new students as they learn Computer Programming and JavaScript
- Ensure coding best practices, e.g. function decomposition and syntax style
- Conduct mock technical interviews with whiteboarding problems

Press Ganey, 2016-2017

CAHPS Quality Specialist

- Created custom Excel queries to the database in order to ensure compliance with the Center for Medicare guidelines
- Completed quality assurance checks on incoming data from completed survey administrations using Microsoft Excel
- Assisted in onboarding of new employee

Amex International: Institutional Support,

Office of Food for Peace, 2015 - 2016

Policy and Technical Division Analyst

- Created information products for both Congressional reports and internal use
- Assisted in preparation of guidance documents to ensure compliance with federal policies
- Checked for data consistency and entered data into the Food for Peace Management Information System (FFPMIS)

Newseum, 2012-2014

Visitor Services Lead Representative

- Led a team of customer service representatives in creating an enjoyable experience for visitors from around the world
- Worked with museum's leadership team to plan and implement staffing policies and improve visitor experience
- Created policies to optimize visitor flow

EDUCATION

App Academy 2018

July - September 2018

- 1000-hour intensive programming course with an acceptance rate of less than 3%
- Course focused on Object-oriented programming utilizing Rails, JavaScript, and React

Middle Tennessee State University

May 2006 - August 2011

- BS Political Science / Middle East Studies

PORTFOLIO

Buildable

[Live Site](#) | [Github](#)

Single page web app mimicking the functionality of instructables.com

- Creates a community of makers who can share their own projects or learn by finding other projects they want to recreate
- Photos for projects and steps are stored using AWS S3 for easy access
- Caches requested information in the frontend to eliminate unnecessary calls to the database allowing for a smoother user experience
- Allows for quick and responsive searches of projects through custom SQL query

Apollo

[Live Site](#) | [Github](#)

Browser game built as an homage to the arcade classic 'Lunar Lander'

- Players take control of the Lunar Module and must find a suitable landing zone before coming to a soft landing on the lunar surface
- Visuals are rendered using HTML canvas and vanilla JS
- Physics are replicated by storing position and velocity variables on a lander object and by updating with each frame for fluid motion

Lazy Record

[Github](#)

A Recreation of Rails' Active Record

- Metaprogramming allows users to easily create connections between data tables
- Complicated SQL queries are automated for the user