

# Moktar Jama

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## PROJECTS

### **BillionairBnB**, Ruby/Rails, React/Redux — [GitHub Live](#)

A luxury rental app inspired by Airbnb

- Uses Google Maps API to dynamically filter search results based on current map bounds
- Optimizes queries to reduce load time for searches, bookings, and reviews

### **mazeCraft**, HTML5, CSS3, JavaScript — [GitHub Live](#)

Visualization of several maze generation algorithms

- Showcases different algorithms that create mazes in distinct ways that are also visually appealing
- Algorithms are implemented in an OOP fashion

### **DynaORM**, Ruby, SQL — [GitHub](#)

An object relational mapping inspired by ActiveRecord

- Performs database queries that maintain code DRYness and readability
- Utilizes metaprogramming, which allows for the dynamic creation of new methods for associations

## EDUCATION

### **App Academy**, New York, NY

February 2017 - May 2017

- 1000-hour full-stack programming bootcamp with <3% acceptance rate

### **Yale University**, New Haven, CT — *Bachelor of Arts in History of Science, Medicine, and Public Health*, 3.58 GPA

August 2011 - May 2015

## SKILLS

Ruby  
Rails  
JavaScript  
jQuery  
React.js  
Redux  
RSpec  
SQL  
Git  
HTML5  
CSS3

## EXPERIENCE

### **Yale School of Medicine**

Genetics Research  
Assistant, New Haven, CT

- Contributed research to a paper involving the infection process of HPV by tracking the virus with a fluorescent protein.