

# Jacqueline Ali Cordoba

jackiealicordoba@gmail.com  
832-403-7412

Personal Website: jackieali.me  
GitHub + LinkedIn: jacquelineali

## Education

**Northeastern University**, Boston, MA  
B.A. in Computer Science

August 2013 – December 2017 (expected)  
Cumulative GPA: 3.6

*Recent Courses:* Machine Learning, Artificial Intelligence, Data Collection and Analysis, Algorithms and Data Structures, Networks and Distributed Systems, Object-Oriented Design, Probability and Statistics, Linear Algebra

## Technical Skills

**Programming Languages:** Python, SQL, R, Ruby on Rails, JavaScript (Node & Ember), Java, Objective-C

**Development Tools:** Git, Bitbucket, JIRA, Terminal (Linux and Unix), Travis CI, Jenkins

**Databases:** MongoDB, MySQL

## Work Experience

**Square, Software Engineering Intern (Disputes & Risk)**, San Francisco, CA May 2017 – present

- Create Ruby on Rails API endpoints to handle file uploads and data sharing between Square risk services
- Build and test user interface components for an upcoming feature in the merchant dashboard using Ember.js

**Square, Software Engineering Intern (iOS)**, San Francisco, CA January – April 2016

- Developed release-critical features for Square's Alpha launch in the United Kingdom using Objective-C and C
- Implemented pre-authorization tipping in Register's payment flow to meet U.K. transaction requirements
- Designed and developed fallback to EMV chip feature for incomplete contactless transactions
- Enhanced logging for Contactless and Chip Reader to help diagnose Bluetooth connectivity issues

**Galatea Associates, Software Development Co-op**, Somerville, MA January – June 2015

- Developed and designed a data reporting API service using Node.js, Express, and MongoDB
- Designed and implemented a database request fetcher for an investment risk calculator service using C#
- Managed packages, builds, and deployment using shell scripts, Jenkins, Maven, and Nuget

## Nonprofit Projects

**The Huntington News, Data Analysis and Visualizations for Off-Campus Housing Article** March 2017

- Visualized geographic undergraduate housing data from 2011-2015 using Leaflet, D3.js, GeoJSON
- Calculated yearly changes in the percentage of students living off-campus using Microsoft Excel

**America SCORES, Backend for Student Fitness Data Collection App** September – December 2016

- Created API to manage student fitness data using Node.js, Express, MySQL, and Amazon Web Services (AWS)
- Tested functionality against client specifications with Mocha, Chai, and Travis CI for 99% code coverage
- Secured endpoints by verifying account permissions before processing requests using Auth0

## Campus Leadership

**Computer Science Fellow**, College of Computer and Information Science (CCIS), Boston, MA Fall 2015 and 2016

- Served as teaching assistant for Northeastern CCIS's co-op and internship preparation course
- Conducted mock technical interview, behavioral interview, and resume review sessions for students

**Outreach Chair**, Northeastern University Women in Tech, Boston, MA Summer and Fall 2015

- Planned events such as a Personal Website Hack Day, Q&A panels, and weekly meetings

**Director of Events**, NU Association of Computing Machinery, Boston, MA April 2014 – April 2015

- Researched, contacted, and booked speakers for weekly chapter meetings and tech talks
- Coordinated logistics for events with companies such as Yelp, Google, GitHub, and SmarterTravel