

Jacqueline Ali Cordoba

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Education

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

August 2013 – December 2017 (expected)
GPA: 3.6/4.0

Recent Courses: Machine Learning, Artificial Intelligence, Data Analysis, Algorithms, Networks and Distributed Systems

Favorite Project: Implementing the Raft consensus algorithm

Technical Skills

Languages: Python, JavaScript (Node & Ember), Ruby on Rails, R, 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

- Develop user interface for Square Secure Profile, the new home of risk-related communication between merchants and Square, using Ember, Sass, and Handlebars
- Implement Ruby on Rails API endpoints to handle document uploads and data sharing between risk services
- Created go/Forsale, an internal marketplace for Square employees, with Ruby on Rails, Slim, Sass, and JavaScript during intern hack week

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

- Built 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 with 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

Non-profit 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 with 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 for coaches 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

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