

# Fatima Qarni

🏠 qarni.github.io

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🌐 qarni

📞 (224) 578-6424

## Education

University of Illinois - Chicago  
(UIC): Honors College  
**B.S. Computer Science**  
**Major GPA: 4.0**  
**Graduating May 2019**

**Pursuing M.S. in Computer  
Science in Fall 2019**

## Skills

### Languages:

Proficient: Java, C

Familiar: Python, C++,  
JavaScript, Ruby, F#, SQL,  
HTML/CSS, R

### Other:

Git, Android Dev, JUnit

## Coursework

- > Intro to Networking
- > Object Oriented  
Programming
- > Systems Programming
- > Algorithms
- > Software Design
- > Language Processing (NLP)

In Progress (Spring 2019):  
> Network Security  
> Data Science

## Interests/Other

Systems programming,  
Networking, Vim, Harry  
Potter

- Grace Hopper Conference:  
UIC Scholarship 2017, 2018
- BuildHer Hackathon 2018

## Experience

Braintree | Chicago

### Software Engineering Internship

**Jun 2018 - Aug 2018**

- > Worked on the Gateway Sustainability team to develop patterns and solutions for ease of development in the main payment processing app.
- > Updated Capistrano tasks for deployment of code across servers.
- > Allowed data to be redacted using Rails and refactoring SQL queries.

UIC Department of Computer Science

### Research Assistant for Capstone (Prof. Kanich)

**Sep 2018 - present**

- > Allow a Google user to see what they have at risk in case of an account breach and understand how to be safer with data storage.
- > Categorize and analyze a user's photo data using image recognition, photo time and location, as well as other meta data.
- > Flags risky documents and shows them to the user with Google Vision and Elasticsearch – written in Python.

### Teaching Assistant

**Aug 2016 - May 2017**

#### **CS 107: Intro to Programming; CS 141: Program Design II**

- > Held office hours, facilitated a weekly class lab session, and assisted professor with testing/grading of projects.

## Projects

**Midpoint** | Java | Android Studio | Google Maps and YELP APIs | JUnit

- > Android app; allows two users to find a meeting place between them, given inputs of their locations and distance willing to travel.
- > Collaborated with a team of three members by coordinating tasks and deadlines and conducting team meetings and code reviews.

**AutoGrader** | Java | Stanford NLP

- > Grades an essay based on spelling, grammar, and coherency.

## Involvement

Women in Computer Science (WiCS) at UIC

### Board Member

**Aug 2018 - present**

- > Work with the other members of WiCS to create events, such as the CS scavenger hunt, to promote a community for female CS students.

UIC Honors College

### Honors College Ambassador

**Jun 2016 - May 2018**

- > Mentored Honors College freshmen through their first year and aided them in making a successful transition to UIC through planning and encouraging attendance at social and mentorship events.