

Fatima Qarni

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🌐 qarni

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Education

University of Illinois - Chicago
(UIC): Honors College
B.S. Computer Science
Minor in Biological Sciences

Major GPA: 4.0 (Cum: 3.72)
Graduating May 2019

Skills

Languages:

Proficient: Java, C

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

Frameworks:

Ruby on Rails, JUnit

Other:

Git, Android Dev

Coursework

- > Systems Programming
- > Software Design
- > Language Processing (NLP)

In Progress (Fall 2018):

- > Networking
- > Algorithms
- > Object Oriented
Programming
- > Operating Systems

Interests/Other

Systems programming, data
science, 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 Gateway 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 (under Prof. Chris Kanich)

Sep 2018 - present

- > Allow a Google Photos 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.

Teaching Assistant

Aug 2016 - May 2017

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

- > Held office hours weekly for help on assigned programs.
- > Facilitated a weekly lab session to allow students to practice material 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

- > Given input of an essay prompt and an essay written in English, a grade is given based on spelling, grammar, and coherency.

Involvement

Women in Computer Science (WiCS) at UIC

Board Member

Apr 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.