

# Aliya Renee Khan

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## SKILLS

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- Coding Languages: Advanced C++, Python, HTML, CSS, Javascript, jQuery
- Software: XCode, ArcGIS, 3D Coat, Photoscan, Unity
- Languages: English (native), Spanish (Professional Working Proficiency), Japanese (Elementary Proficiency)

## EDUCATION

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**University of Michigan** College of Literature, Science, and Arts  
*B.S. Computer Science & B.A. Anthropology*

**GPA 3.75/4.00**  
*Expected Graduation in April 2019*

**Courses**: EECS 388: **Introduction to Computer Security** (currently enrolled), EECS 370: **Introduction to Computer Organization** (currently enrolled), EECS 281: **Data Structures and Algorithms**, EECS 280: **Programming and Introductory Data Structures**, EECS 203: **Discrete Math**, EECS 183: **Introduction to Computer Science**, STATS 250: **Introduction to Statistics and Data Analysis**, MATH 417: **Matrix Algebra I**

## PROFESSIONAL EXPERIENCE

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**GABII GOES DIGITAL: PROJECT IN 3D MODELING AND ARCHAEOLOGY**      **Rome, Italy & Ann Arbor, MI**  
*Research Assistant*      *September 2015 - Present*

- Worked with ArcGIS to map the archaeological site, which is located in Gabii, Italy.
- Working with 3D Coat, PhotoScan, and the Unity Gaming environment to turn photographs taken of the site into a user-friendly, three-dimensional, interactive virtual representation.
- Traveled to Gabii, Italy and received direct training in photogrammetry, 3D modeling production, and archaeological topography in a 3-week internship.
- Publishing the 3D environment will greatly influence how archaeological information is recorded by preserving a visual representation of the artifacts and structures in their original contexts.

**UNIVERSITY OF MICHIGAN WOMEN'S GLEE CLUB**      **Ann Arbor, MI**  
*Webmaster and Performer*      *September 2016- Present*

- Responsible for maintaining interface and information on the Women's Glee Club website.
- Working on embedding multimedia components into the website such as an updated YouTube channel, recordings, and a live stream of concerts.
- Learned HTML and CSS to augment web development skills.

**PHOENIX THEATRES**      **Livonia, MI**  
*Concessions*      *Summer 2015 and 2016*

- Developed teamwork skills and a strong focus on positive customer interaction and service.

**UNIVERSITY OF MICHIGAN MUSEUM OF ART**      **Ann Arbor, MI**  
*Research Assistant*      *Summer 2014*

- Compiled information from various forms of media about a work by Hughie O'Donoghue titled "A Monument in Rouen."
- Prepared a final research paper which museum docents use to present the piece.

**ARBOR HOSPICE**      **Plymouth, MI**  
*Volunteer Care Provider*      *2014 - 2015*

- Completed six-week grief training session.
- Visited patients regularly to provide companionship and comfort.

## ACTIVITIES

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- Eta Kappa Nu (Electrical Engineering and Computer Science Honor Society)
- Kappa Theta Pi (Professional Technology Fraternity)
- Secretary of MOSAIC (Stockwell Hall Multicultural Council)
- Midnight Blue A Cappella
- Presentations: UROP Symposium Winter 2016, Department of Classical Studies Research Symposium Winter 2016, International Institute Award Grantee Symposium Fall 2016, International Institute Award Grantee Panel Winter 2017

