**Zaina Qasim**

**qasimza@mail.uc.edu / (513) 739 4757**

**362 Probasco Street, Cincinnati, Ohio- 45220**

**SKILLS**

**Programming Languages and Tools:** Java, Python, C++, HTML/CSS, JavaScript, MATLAB, VBA, Adobe InDesign, Adobe Illustrator, Adobe Dreamweaver, Visual Studio, Raspberry Pi, Microsoft Excel

**Languages:** English,Hindi, Urdu.

**Certificates:** Python for Beginners (5-course specialization on Coursera), Programming Foundations: Object-Oriented Design (Lynda), Programming Foundations: Algorithms (Lynda)

**EDUCATION**

**University of Cincinnati, Cincinnati, O****H Class of 2023**

College of Engineering & Applied Science GPA 3.948/4.00

BS Computer Science (Honors) + Mathematics Minor

Activities/Involvement: Women in Technology (Treasurer), IEEE@UC (Meetings Chair)

Achievements: UC Global Scholarship/Dean’s List

**La Martiniere Girls’ College, Lucknow, India Class of 2018**

Indian School Certificate (ISC) Examination Aggregate 91.0%

Indian Council of Secondary Education (ICSE) Examinations Aggregate 93.5%

**EXPERIENCE**

***Logistics Analyst, Infinera Corporation, CA* May 2020 – Aug 2020**

* Enhanced the library evaluation script to handle single port memory cells. 40+ hours/week
* Optimized, tested and debugged HealthCheck and Hierarchy Parsers.
* Developed a LALR (1) parser and solver using pypeg2 and Google OR Tools for evaluating SystemVerilog style constraints.

***Teaching Assistant*, College of Engineering and Applied Science, University of Cincinnati, OH Jan 2020 – Apr 2020**

* Assisting students with assignments and in-class activities, proctoring and grading exams. 8 - 20 hours/week
* Tutoring students in freshman level courses including engineering design, calculus, physics and chemistry.

***ASIC Design Engineer, Infinera Corporation, CA* Aug 2019 – Dec 2019**

* Enhanced the data analytics tool for analyzing ASIC libraries. 40+ hours/week
* Helped develop the python environment for chip validation.
* Helped develop top level software infrastructure for functional testing of the chip.
* Worked on python register access infrastructure and test case automation.

***IT Consultant*, Lindner College of Business, University of Cincinnati, OH May 2019 – Aug 2019**

* Provide level 1 user service desk support. 32-40 hours/week
* Provide assistance with email set-up and configuration, video conferencing and streaming.
* Virus/spyware removal, software installation, wireless configuration, and troubleshooting.
* Assist with lab/classroom maintenance and set-up classroom multimedia equipment.

***Head of IT and Design,* La Martiniere Girls’ College Model United Nations Club, India Apr 2018 – Jun 2018**

* Designed, coded and maintained the official website, edited official trailers and promotional videos. 15 hours/week
* Supervised a team of students in designing official written and digital media for LMGMUN 2018.
* Was promoted from the position Head of Graphics Design in April 2018.

**SOCIALS**

LinkedIn: [**linkedin.com/in/zaina-qasim-87706a17b**](https://www.linkedin.com/in/zaina-qasim-87706a17b)

Github: <https://github.com/qasimza>