

Zaina Qasim
qasimza@mail.uc.edu / (513) 739 4757
2378 Wheeler 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, OH

College of Engineering & Applied Science

Major: Computer Science (Honors), Minor: Mathematics

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

Achievements: UC Global Scholarship/Dean's List, MHacks 13 Beta (Best Use of Google Cloud - COVID-19 Hackathon Fund, Best Educational Hack, Best Automation Hack, Best Domain Registered)

Class of 2023

GPA 3.948/4.00

La Martiniere Girls' College, Lucknow, India

Indian School Certificate (ISC) Examination

Indian Council of Secondary Education (ICSE) Examinations

Activities/Involvement: College Prefect, Chief Editor of College Magazine, Co-founder of IRIS, CSIT Club

Achievements: Winner of COMFEST-2017-Metier Project (National Level)

Class of 2018

Aggregate 91.0%

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 post route health check and hierarchy analyzer tools.
- 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

- Assisted students with assignments and in-class activities, proctoring and grading exams. 8 - 20 hours/week
- Tutored 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.

AVAILABLE FOR CO-OP IN SPRING 2021