

SHAGHAYEGH AMIR BAKZADEH KALATI

614-639-9866 amirbas@miamioh.edu

EDUCATION

Miami University

Master of Environmental Science | GPA: 3.60

Professional service project: assisting Miami's climate action task force to achieve carbon neutrality.

Expected May 2024

Oxford, Ohio

Azad University of Mashhad

Master of Architectural engineering | GPA: 3.62

Thesis: sustainable housing design

Graduated February 2018

Mashhad, Iran

Azad University of Mashhad

Bachelor of Architectural engineering | GPA: 3.70

Graduated September 2014

Mashhad, Iran

National Organization for the Development of Exceptional Talents (Sampad)

High School

Graduated September 2010

Mashhad, Iran

EXPERIENCE

Graduate Assistant

Miami University

Butler County stream sampling team(Certified by EPA)

- Measuring phosphate, nitrate, and turbidity levels of water samples for the scientific research at Great Miami River.
- Data analysis using R to compare the monthly results.
- Autoclaving bacteria Quanti-trays and dispose in dumpsters.

August 2022 – Present

Oxford, Ohio

Teaching Assistant

Azad University of Mashhad

- TA of architectural expression 1 and 2.

September 2021- January 2022

Mashhad, Iran

Sustainable Architecture supervisor

Evet consulting company (Maryam Clinical Building)

- Supervising construction activities according to environmental regulations.
- Providing tracking reports and minimizing scope changes.

June 2017 – December 2019

Mashhad, Iran

Architectural Technician(Teamwork)

Pazh Pishgaman Modeeriyat Toos (Rahmaniyeh park)

- Collaborating with a team of 5 architects to design Rahmaniyeh Park using AutoCAD and 3ds Max.
- Studying climate, topography, tree planting and legal requirements (site analysis) before design process.

June 2015 – January 2016

Mashhad, Iran

SKILLS

AutoCAD: Expert

Autodesk 3ds Max: Expert

Revit: Beginner

Communication skills: Expert

Microsoft Office: Expert

Data Analysis R: Intermediate

Graphical design Adobe photoshop: Expert

Project management: Intermediate

Supervisory skills: Expert

Problem-solving skills: Expert

GIS: Beginner

Research skills: Expert

CERTIFICATE

- Architectural Revit (Mojtama Fani Tehran)
- President Career and Leadership Series Program

17th January ,2023-20th January 2023

Cincinnati, OH

RELATED CLASSES

- Environmental problem solving: Working on West Virginia drinking water.
- Professional Service project: assisting the university's climate action task force by completing a resilient assessment and outlining a climate action plan to achieve carbon neutrality by 2030.
- Environmental problem solving: assessing wetlands and lake.
- Climate responsive architectural design: Designing a zero-energy house.