

SHAGHAYEGH AMIR BAKZADEH KALATI
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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 <i>Oxford, Ohio</i>
Azad University of Mashhad Master of Architectural engineering GPA: 3.62 Thesis: sustainable housing design	Graduated February 2018 <i>Mashhad, Iran</i>
Azad University of Mashhad Bachelor of Architectural engineering GPA: 3.70	Graduated September 2014 <i>Mashhad, Iran</i>
National Organization for the Development of Exceptional Talents (Sampad) High School	Graduated September 2010 <i>Mashhad, Iran</i>

EXPERIENCE

Graduate Assistant <i>Miami University</i> <i>Butler County stream sampling team(Certified by EPA)</i>	August 2022 – Present <i>Oxford, Ohio</i>
<ul style="list-style-type: none">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.	
Teaching Assistant <i>Azad University of Mashhad</i>	September 2021- January 2022 <i>Mashhad, Iran</i>
<ul style="list-style-type: none">TA of architectural expression 1 and 2.	
Sustainable Architecture supervisor <i>Evet consulting company (Maryam Clinical Building)</i>	June 2017 – December 2019 <i>Mashhad, Iran</i>
<ul style="list-style-type: none">Supervising construction activities according to environmental regulations.Providing tracking reports and minimizing scope changes.	
Architectural Technician(Teamwork) <i>Pazh Pishgaman Modeeriyat Toos (Rahmaniye park)</i>	June 2015 – January 2016 <i>Mashhad, Iran</i>
<ul style="list-style-type: none">Collaborating with a team of 5 architects to design Rahmaniye Park using AutoCAD and 3ds Max.Studying climate, topography, tree planting and legal requirements (site analysis) before design process.	

SKILLS

AutoCAD: Expert	Microsoft Office: Expert	Supervisory skills: Expert
Autodesk 3ds Max: Expert	Data Analysis R: Intermediate	Problem-solving skills: Expert
Revit: Beginner	Graphical design Adobe photoshop: Expert	GIS: Beginner
Communication skills: Expert	Project management: Intermediate	Research skills: Expert

CERTIFICATE

<ul style="list-style-type: none">Architectural Revit (Mojtama Fani Tehran)President Career and Leadership Series Program	17th January ,2023-20th January 2023 <i>Cincinnati, OH</i>
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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.