

ERMAN AKYOL

Architectural Designer - Industrial Designer

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Toronto, ON



EXPERIENCE

Architectural Designer- Team Lead

Basilica Construction

01/2024 - Present Vaughan, ON

- Lead design projects from concept to completion, create detailed drawings and 3D models ensuring alignment with client vision and objectives.
- Oversee team in developing plans, drawings, and presentations, ensuring design quality.
- Collaborate with project managers, clients, and stakeholders, refining requirements and addressing constraints.
- Conduct site visits to monitor progress, maintain design integrity, and resolve issues.
- Manage project timelines, and resources to ensure on-time and on-budget completion.
- Mentor junior architects, promoting skill development and professional growth.

Architectural Designer

Basilica Construction

10/2023 - 01/2024 Vaughan, ON

- Create detailed drawings and 3D models to support design concepts and client presentations.
- Assist in developing exterior and interior designs that comply with building codes and regulations.
- Conduct research on materials, finishes, and design trends to enhance project outcomes.
- Participate in site visits to gain practical experience and support design accuracy.

Lab Assistant

The Laser Lab - UofT Daniels School of Architecture

09/2022 - 05/2023 Toronto, ON

- Provide laser cutting training and safety instructions to students and lab users.
- Check and monitor laser cutting machines to ensure proper operation and maintenance.
- Assist students with laser cutting setup, file preparation, and troubleshooting.
- Enforce lab safety protocols and maintain a clean, organized workspace.

Designer

Zen Fine Cabinetry

06/2020 - 09/2020 Toronto, ON

- Prepare 3D models and renderings for client presentations and approvals.
- Independently develop cabinet and millwork designs, adhering to client specifications and industry standards.
- Prepare full project documentation, including CAD drawings, material lists, and production instructions.
- Conduct site visits to verify measurements, troubleshoot issues, and ensure design integrity.

Design Researcher

Creative Design Lab

09/2019 - 05/2020 Toronto, ON

- Lead user research initiatives, including interviews, surveys, and usability studies, to gather insights for design projects.
- Develop and test 3D printing applications to create meaningful, hands-on user experiences.
- Analyze research findings to inform and refine design concepts and prototypes.
- Collaborate with interdisciplinary teams to align research insights with design objectives.
- Document research processes and outcomes for presentations and project reports.

Design Volunteer

Design Exchange

09/2018 - 05/2020 Toronto, ON

- Assist lecturers, organize activities, maintain the workspace, and support participants during events.

Industrial Designer

Arcelik AS

01/2014 - 08/2016 Eskisehir, Turkey

- Design innovative refrigerator concepts with a focus on functionality and aesthetics.
- Collaborate with engineering to ensure designs are manufacturable and meet quality standards.
- Conduct user research to align designs with consumer needs.
- Create sketches, CAD models, and prototypes for design visualization.
- Research materials and production techniques for cost-effective, durable solutions.

INTERNSHIPS

- Korean Institute of Design Promotion (KIDP), Seoul, Korea 2012
- Arcelik A.S. Refrigerator Plant, Turkey 2011
- Concept development, mock-up creation, 3D modeling, and research

SUMMARY

Passionate architectural designer focused on transforming research insights into innovative, functional, and aesthetically compelling spaces and products. Dedicated to addressing complex design challenges with human-centered, sustainable solutions that enhance user experience, well-being, and community engagement. Architectural Design | Interior Design | Industrial Design | Inclusive Design | Accessibility | Design Thinking | Healthcare

EDUCATION

Masters of Architecture

University of Toronto

09/2020 - 05/2023 Toronto, ON

Masters of Inclusive Design

OCAD University

08/2018 - 05/2020 Toronto, ON

Design Science - Industrial Design

Chiba University

04/2010 - 12/2013 Chiba, Japan

Exchange Student - Industrial Design

HAWK - Hochschule fur Angewandte und Kunst

09/2011 - 01/2012 Hildesheim, Germany

PUBLICATIONS

- DiaFit: Designing Customizable Wearables for Type 1 Diabetes Monitoring
CHI Conference on Human Factors in Computing Systems, 2021

AWARDS & SCHOLARSHIPS

- OAA Challenge: Ontario Place, 2021
- 1st Place: Pueblo Science Hackathon, 2019
- Scholarships: Monbukagakusho (2013), Erasmus (2012)

LANGUAGES

English

Advanced



Japanese

Intermediate



Turkish

Native



SKILLS

3D Modeling

3D Printing

Adobe Suite

Autocad

Rhino 3D

Revit

Sketchup

Solidworks

Lumion

Coohom

Vray

Usability Studies

User Research

UX/UI

Ontario Building Code

Accessibility

AI

Interior Design

Project & Design Management

Construction

Design Thinking

Indigenous Studies