

ANDY HILLIER

Enterprise Systems and Management Consultant
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OBJECTIVE

To leverage my advanced education and professional experience in science, technology, engineering, and management consulting to drive impactful solutions, optimize business processes, and contribute to solving the world's most complex issues.

WORK EXPERIENCE

Lead Consultant – Integrated Learning Organization

FICO (Fair Isaac Corporation)

Full Time

Akron, Ohio, USA (Remote)

Jan. 2025 - Present

- Delivers training domestically and internationally on FICO's cloud SaaS platforms, including FICO Platform capabilities, Blaze Advisor, and Decision Management Platform Streaming.
- Leverages technical expertise in object-oriented programming, AI/Machine Learning, and distributed systems to design and develop technical training curricula for new software features.
- Collaborates with the Platform Education Director, Product Management, and Documentation teams to produce high-quality educational materials tailored to the needs of clients, partners, and internal employees.
- Demonstrates project management expertise by planning and managing curriculum development initiatives, contributing as an author and editor to ensure the clarity and effectiveness of training content.

Solution Consultant & Architect – Digital PMO

1898 & Co. & Burns & McDonnell through Advatnage Tech

Contractor - Full Time

Akron, Ohio, USA (Hybrid)

June 2023 – Dec. 2024

- Architected and delivered innovative full-stack business application solutions and back-end integration and event streaming solutions internally and externally, enhancing organizational capabilities for the organization and its client base.
- Lead clients through transformations involving complex technologies (such as serverless computing and pub/sub architectures on Azure) to help them expand their capabilities while implementing security and architectural best practices.
- Created and performed internal and client workshops for project teams, the region, and the innovation and data science communities on a variety of topics including databases, human factors analysis, and REST API design and fundamentals.
- Lead team in digital platform process improvement initiatives regarding data modelling, business analysis and requirements management, platform security, and verification and validation processes.
- Recognized and chosen to speak on transformation complexity management as a subject matter expert at the Burns & McDonnell Global Data Summit.

Adjunct Faculty Lecturer of Management & Information Systems

The University of Akron

Part Time

Akron, Ohio, USA

Aug. 2022 – June 2024

- Instructed advanced courses on business application development and systems integration.
- Developed comprehensive curriculum to enhance student understanding of complex technical concepts such as API development, cloud infrastructure, full-stack web development, systems design, and object-oriented programming.

Data Specialist – National Data & Intelligence Delivery Center of Excellence & US East Innovation

EY (Ernst & Young)

Full Time

Akron, Ohio, USA (Remote)

May 2022 – May 2023

- Developed, implemented, and integrated emerging technologies to improve audit quality and solve client challenges.
- Managed big data ETL processes and analytics for 15-30 assurance services clients per quarter, including many Fortune 500 clients, for workloads including record counts in the hundreds of millions with tens of fields per record.
- Advised internal and external clients on new industry insights to leverage data and analytics to drive the production of high-quality work products.
- Lead and presented project spotlights and lessons in regional team meetings and monthly national innovation-region meetings as a subject matter expert in application development, data serialization, and Microsoft Excel/VBA.
- Developed and implemented methodologies for the application of advanced RegEx algorithms in ETL pipelines to recover data from unstructured and corrupted tab-delimited, csv, and xml data exports to avoid costly pushes of hundreds of millions of records to meet tight deadlines.

VOLUNTEER EXPERIENCE

Commission Chair & Public Art Commissioner

City of Akron Public Art Commission

Akron, Ohio, USA

Aug. 2023 – Present

- Leads commission budget management and project planning for public art installations in the City of Akron.
- Leads and facilitates speakers for monthly meetings.

Board Member, Artist Mentor, & Curriculum Developer for Art Costing, Pricing, & Financial Strategy

CraftyMart

Akron, Ohio, USA

Feb. 2021 – May 2022

- Developed curriculum to support the business growth of independent artists and artisans.

Technical Curriculum Development & IT Executive Exchange

The University of Akron

Akron, Ohio, USA

Aug. 2021 – Present

- Collaborated with faculty to update and enhance curriculum for management and information systems courses.
- Developed new course materials and case studies for advanced business and technology topics.

EDUCATION

Doctor of Philosophy (Ph.D.) Student

Systems Engineering

GPA: 4.0 / 4.0

Colorado State University

Jan. 2024 – June 2029

Master of Science Degree in Management (MSM)

Business Analytics & Information Systems

GPA: 3.9 / 4.0

The University of Akron

May 2022 – Dec. 2023

- Awarded top MSM-IS graduate of the 2023-2024 graduating class.

Master of Science Degree in Accountancy (MSA)

Information Systems Option

GPA: 3.9 / 4.0

The University of Akron

June 2020 – May 2022

Bachelor of Science Degree (BS)

Geology

The University of Akron

Aug. 2014 – July 2016

Associate of Science Degree & High School Diploma (AS/HSD)

The University of Akron & Akron Early College High School

Aug. 2010 – July 2014

OTHER WORK EXPERIENCE

Financial Accounting Consultant

Harpst Becker, LLC

Part Time

Jan. 2022 – May 2022

Graduate & Undergraduate Business Tutor

The University of Akron & Knack

Part Time

Aug. 2021 – Dec. 2021

Government & Public Sector Assurance Services Intern (DoD)

EY

Full Time Intern

July 2021 – Aug. 2021

Assurance Services Intern

Sikich

Full Time Intern

Jan. 2021 – Apr. 2021

Wine Steward

750ml Wines

Part Time

July 2020 – Dec. 2021

Landscaping and Structural Draftsman

Salsbury-Schweyer, Inc.

Part Time

July 2020 – Nov. 2020

Project Manager

Wertz Geotechnical Engineering, Inc.

Full Time

Apr. 2019 – July 2020

Hydrogeologist

Hull & Associates, Inc.

Full Time

Apr. 2018 – Mar. 2019

Geologist

GPD Group, Inc.

Full Time

Nov. 2016 – Apr. 2018

CERTIFICATION

- Azure Data Engineer Associate (DP-203)
- Azure AI Engineer Associate (AI-100)
- Snowflake SnowPro Core Certification
- INCOSE ASEP (Associate Systems Engineering Professional)
- Microsoft Office Specialist: Excel Expert
- Alteryx Designer Advanced Certification
- Microsoft Dynamics 365 ERP: Core Finance and Operations

HOBBIES & INTERESTS

Specialty Wine, Craft Beer, Specialty Spirits, Hiking, Kayaking, Bouldering, Power Lifting, Art, Research, Writing, Robotics & IoT