

# Damon Ranieri

(773) 484-8005

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Northwestern University Faculty email: [damon.ranieri@northwestern.edu](mailto:damon.ranieri@northwestern.edu)

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Strategic, optimistic, and pragmatic leader, professor, and technologist with a comprehensive understanding of building design and construction. Earning trust industry wide through over two decades of learned experience on real world, commercial real estate projects. Acutely empathetic to problems customers need solved. Able to communicate complex, emerging technology solutions with simple, effective language. Experienced in driving top line growth and operational excellence via well managed technology spend, systems and people. Creative and capable of solving business challenges using best in class solutions and next generation technology, such as BIM, VDC, and Digital Twins.

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## *Experience:*

### **Construction Innovation & Sustainability Partner - AXA XL Insurance, North America Construction May 2023 - Present**

Leading solutions to the complex issues inherent in construction. Involved in sustainably building and rebuilding North America via thought leadership, collaboration, sharing of best practices, and identification of cutting-edge strategies, with a heavy focus on helping ENR Top 400 companies successfully address these challenges. Helping AXA XL build out our sustainability offerings from the ground up, and continue to build on the momentum of our Innovation initiatives.

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### **Northwestern University - Master of Program Management, Chicago, IL (Current)**

#### ***Adjunct Professor April 2017 – Present:***

PROJ\_MGT 455: COMPUTER-INTEGRATED PROJECT DELIVERY. This class examines emerging technology tools, established work processes and explores new approaches to computer-integrated project delivery. Average class size 20-25ppl. The course leverages the professor's personal experiences working with consulting firms, architecture firms, general contractors, electricians, plumbers, and business owners, and gives students the chance to simulate a real construction project from concept to delivery. A goal of the course is to demonstrate to students how projects are carried to successful completion through the use of innovative technologies.

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### **dba Damon Ranieri Consulting, Sole Proprietor, Chicago, IL.**

#### ***Design & Construction Technology Consultant Dec 2012 -Present:***

Providing the strategy, implementation, training and execution of the latest advances in building design and construction technology. Approaching work with the philosophy that clients deserve a deep analysis of their firms' business and operations.

#### *Prime Contracts (Consulting Engineers)*

Syska Hennessy (MEP) **Mar '13**  
Gulf States Engineering **May '13, Jan '14, Nov '22-'23**  
Elara Energy Services (MEP) **Nov '13, Jan '14**

#### *SubK Contracts*

Burger Consulting Group **Feb '23**  
Paul F. Aubin Consulting **Jan '13, Oct '13 - Jan '14**  
CDV Systems, Inc. **Apr '13, Dec '14, May, Oct '13, Jan '14**  
Engineered Efficiency, Inc. **Nov '13, Dec '13**

#### *Prime Contracts (Architects)*

Giuliani Associates Architects, Inc. **June-Sep '13**  
Kujawa Architecture, LLC **July '12**

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### **Senior BIM Integration Manager - Lendlease (US) Construction PM&C, Chicago Office Mar 2014 - Oct 2018**

Supervised and coordinated BIM staff (from 4-7 ppl) and day to day operations, supporting implementation and guiding the delivery of BIM processes to ensure compliance and alignment with organizational objectives.

#### **Turned-over Projects *Not an exhaustive list...***

- 1407 South Michigan Avenue (Chicago) - <http://www.russlandgroup.com/1411-s-michigan-avenue/>
  - 1333 & 1345 S. Wabash Avenue (Chicago) - [https://www.aiachicago.org/dea\\_archive/2016/1345-s.-wabash/](https://www.aiachicago.org/dea_archive/2016/1345-s.-wabash/)
  - U of C, Gordon Parks Arts Hall - [https://www.aiachicago.org/dea\\_archive/2016/gordon-parks-arts-hall/](https://www.aiachicago.org/dea_archive/2016/gordon-parks-arts-hall/)
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## **ACE Mentor Chicago, Chicago, IL**

***Executive Board Member*** June 2017 - November 2018:

ACE's mission is to inform and excite high school students about career opportunities in architecture, construction and engineering; encourage students to pursue secondary and post-secondary education that will prepare them for careers in the integrated construction industry. Worked with fellow board members on an annual luncheon (charity event), raising over \$12k.

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## **Director of Virtual Design & Construction - Leopardo Companies** Dec 2018 - Oct 2022

Responsible for driving corporate strategic growth initiatives through data driven innovation, return on construction technology investment, and decisions affecting the future of construction operations. Partnering with the firm's leaders and professionals to leverage digital and virtual technology to secure new business and expand the profitability of each project. The role also directly managed the day to day operations and future trajectory of the Virtual Build Group (aka the VDC Department).

- Grew utilization of VDC tools by almost 130% within 3 years (from usage on close to 40 projects to 142)
  - Reduced construction technology overhead spend by close to 20% (over 30k\$) YoY (most recent budget proposal)
  - Sold close to \$90K in prime VDC services through the pandemic, mitigating the downturn in the downtown Chicago TI market
  - Key team member in development of new service line (Critical Response Services), directly selling to clients
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## **EYP MCF, wholly owned subsidiary of Hewlett Packard, Critical Facilities AMS Delivery, Chicago, IL**

***BIM Subject Matter Expert*** April 2011 – November 2012:

Provided strategy, implementation, and business outcomes, especially related to the latest advancements in building design and construction technology. Lead with a succinct vision, achieved by defining the metrics, applications, and processes necessary to deliver results. Included deployments in Sao Paulo, London, and Tianjin, China.

- Successfully led a BIM implementation in all regions (Americas, EMEA, & APJ), leading to 18% gain in production efficiency.
- Designed/ conducted BIM worldwide training program for design & production users. 13 offices worldwide (250+ staff).
- Authored business development plan for BIM services. \$500k booked by summer 2012.

Projects: "Pillar.2", 150k sf Data Center, Prineville OR, US. BIM w/ Revit, req'd.

"GFD " Norway, 100k sf Data Center, Heiaveien, Fetsund, Norway

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## **Cannon Design, Chicago, IL (Formerly OWP&P)**

***Design Technologist, emphasis; MEP Engineering*** October 2006 – March 2011

Successfully led a BIM implementation using Revit MEP for ~150 across the US. Contributed to global implementation of Revit Structure & Architecture. Rolled out over 15 dedicated engineering design applications, including eQuest, Lighting Analysts' AGI32, Trane Trace 700. Led an initiative team for 6 mo. BIM (Revit MEP) implementation, ~100 users for Chicago & Phoenix.

- Successfully led a 6 mo. BIM (Revit MEP) implementation, ~100 users for Chicago & Phoenix.

Projects: **Northwest Community Hospital, Arlington Heights IL. GSA, Kluczynski Federal Building, Chicago IL. BIM w/ Revit**

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## **Environmental Systems Design, Chicago, IL**

***CAD Specialist*** November 1999 – October 2006

- Evolved CAD Coordinator role to become a strategic part of production, increasing client satisfaction & retention.
- Lead coordinator in a team of 6.

Projects: **Schaumburg Convention Center, Schaumburg IL. Chicago's Block 37, Chicago IL.**

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*Appearances, Accol & Publications:*

**Chicago Build Expo, IL appeared 2019 & 2022**

**HansonWade Scheduling Conference, Dallas TX 2018**

**Top 50 Tech Adoption Leaders of 2017 Builtworlds**

**Bradley University, ICAT April 2016**

**AIA St. Louis, Chapter Meeting Presentation March 2014**

**Revit MEP 2013” (7hr Online Course) vtc.com Sep 2013**

**Autodesk Univ. Las Vegas, NV. appeared 2010 & 2012**

**Ecobuild America. DC. Dec 2012.**

**AUGI AEC Edge Magazine. Articles 2009 & 2010. “**

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*Early Career Experience, Manufacturing:*

**Dial Tool, Addison, IL. *Automation Designer*, May - Sept '99**

Designed, improved & maintained automated stamping process.

**Valley Recreation, Sycamore, IL. *Mech. Designer*, June '98 -'99**

Designed/ modeled rotationally molded dartboard cabinet.

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*Education:*

**'15. MS**, Executive Management for Design & Construction. Northwestern University

**'98 BS**, Industrial Technology, Northern Illinois University, Grad.c. Laude. Golden Key National Honor Society

*Certifications:*

**CSI**, Construction Docs Tech. (2011)

**LEED** Gr. Assoc. (2009 need to renew)