

Shane Jezowski

Project Manager + Designer + Design Engineer

shanejezowski.com - shanejez@gmail.com

Education

M.Arch, University of Miami, Miami, FL, 2022

AIA Henry Adam's Medal, graduating student with the highest GPA, 2022

Alpha Rho Chi Medal, graduating student whose leadership, personality and attitude foreshadow exceptional professional worth, 2022

AIA Palm Beach Foundation Scholar, 2022

The Villagers Scholar, 2022

Graduate Core Student Design Award, 2020

McLamore Scholar, 2019-2022

Dean's Fellow, 2019-2022

MFA in Sculpture, University of Delaware, Newark, DE, 2013

BFA in Sculpture, Kansas City Arts Institute, Kansas City, MO, 2011

Work Experience

Freelance Design + Fabrication, 2013-2022

2D/3D Design

Rocco Ceo AIA, Design Assist Services, Miami, FL

The Ocean Conservancy, Community Action Plan Visualization, Miami, FL

Patrick Reuter Architecture (PR A) + Veruska Vasconez, Design Assist Services, remote

Shulman + Associates AIA, Design Assist Services, remote

The Factory NYC - Design Assist Services, remote

A. Zahner Architectural Sheet Metal, Design Assist Services, remote

P.E.D.G., 3D Set Design Visualization, Lancaster, PA

Fabrication

A. Zahner Architectural Sheet Metal, New York, NY

Erica Prince, Artist, New York, NY

MIO, Philadelphia, PA

Now Tradition, Philadelphia, PA

University of Delaware, Newark, DE

Research Assistant, The Littoral Urbanism Lab, Miami, FL, 2019-2021

Researcher and Designer, *All That is Solid: Platforms for Wood*, 2019 - 2021

Conducted extensive research to provide meaningful insights into the history, active uses and future possibilities of Mass Timber products in the fields of architecture, construction and development. My skills in Rhino 3d drafting, parametric scripting, Ladybug tools, GIS, and varying design tools allowed me to produce dynamic presentations, maps and supplemental imagery for publication and public presentations.

Grant Co-Writer and Lead Designer, *Fluid Environments: The Space We Live In*, 2020

This grant was proposed to Epic Mega Grants and was awarded \$25,000 for research and development of visualization tools for perceiving the effects of sea level rise on neighborhoods. The core idea was to use Epic's Unreal game engine and AR/VR technology to provide viewers with a visceral experience of sea level rise and to elicit a meaningful and action oriented response.

Senior Project Manager + Design Engineer, The Factory NYC, Brooklyn, NY, 2015-2019

Senior Level Duties

- Trained staff in the use of project management software (Podio)
- Supervised junior to mid level project management staff
- Oversaw the CNC department and cut production queue
- Managed staffing for junior to mid level project management projects
- Designed bespoke project management software
- Spearheaded new general management strategies
- Oversaw company-wide efficiency in digital and physical production

Project Management

- Initiated and cultivated client relationships
- Led technical consultations with clients
- Calculated estimates and invoicing
- Determined material take-offs
- Organized material ordering
- Corresponded with vendors
- Delegated tasks and disseminated information for production
- Coordinated shipping logistics
- Supervised on-site installation and assembly
- Formalized project documentation and archiving

Design Engineer

- Compiled product measurements
- Drafting
- CAD-CAM
- Designed project build schematics
- Oversaw quality and structural control
- Designed bespoke Grasshopper scripts

Assistant Project Manager + Design Engineer + CNC Operator, Erector Sets Inc., Philadelphia, PA, 2013-2015

Assistant Project Manager

- Initiated and cultivated client relationships
- Calculated estimates and invoicing
- Determined material take-offs
- Organized material ordering
- Corresponded with vendors
- Delegated tasks and disseminated information for production
- Coordinated shipping logistics
- Supervised on-site installation and assembly
- Formalized project documentation and archiving

Design Engineer

- Compiled product measurements
- Drafting
- CAD-CAM
- Designed project build schematics
- Oversaw quality and structural control

CNC Operator

- Configured CNC tool paths
- Ensured CNC cut efficiency and machine safety
- Managed and conducted general CNC maintenance and troubleshooting
- Oversaw quality control of cuts

Instructor of Record + Shop Monitor, University of Delaware, Newark, DE, 2011-2013

Instructor

Introduction to Sculpture

Digital Printmaking (Vector patterns and rendering with Rhino3d)

Design II (Foundations Department)

Design Advisor to senior engineering majors

Shop Monitor

Monitored proper use of metal and wood machinery

Reinforced shop safety

Provided private metal and woodworking instruction

Tool maintenance

Fabricated custom tools and shop fixtures.

Designer + Marketing Intern, A. Zahner Architectural Sheet Metal, Kansas City, MO, 2010-2011

Designer in the Design Assist Group

Produced and designed assembly packets for Zahner Engineered Profile Paneling System (ZEPPS)

Basra Sports City Stadium in Basra, Iraq, 2011

Sidra Medical Center in Doha, Qatar, 2010

Marketing Intern in the Design Assist Group

Produced marketing materials to explain Zahner methodologies

Assisted with web marketing strategies

Rendered project proposals

Answered client calls

Assisted with calculating material yields

Prepped and shipped product samples

Trades and Skills

Computer

Skill Level: Expert

Rhino 3D, Grasshopper 3D, Visual Arq (BIM), Enscape (RENDER), Affinity Design Suite (Designer, Photo, Publisher)

Skill Level: Experienced

AutoCAD, Adobe Design Suite (Photoshop, Indesign, Illustrator, Acrobat, After Effects), Twinmotion, Q-GIS, iWork Suite (Keynote, Pages, Numbers), Microsoft Office (Powerpoint, Word, Excel), Nodebox 3, Podio

Skill Level: Competent

Revit, Arc-GIS, ARCHICAD, Unity Game Engine, Unreal Game Engine, Davinci Resolve, RhinoCam

Fabrication

3-axis CNC mill, CNC laser cutter, FFF 3D printing, SLA 3D printing, water-jet cutter, MIG, TIG, torch welding/cutting/manipulating, plasma cutter, tube roller, manual break, vertical/horizontal bandsaw, cold saw, hot saw, table saw, bandsaw, miter saw, drill press, hand tools (pneumatic and electric), iron, bronze, aluminum, ceramic, foam, concrete

References available upon request