Get a glimpse into the Careers, Skill Set, and industry focus of the experts.

Each with their unique background and success stories.
Khaled Aboughanem
BIM/CAD Manager
JNE Consulting

My background is civil engineering. After graduation, I started my career in the construction industry and worked as a site engineer.

Shortly after, I worked as a civil estimator, then decided to go back to college for MicroCAD Specialist one-year co-op program; I started working for JNE as a co-op student, then was hired as a full-time designer after graduation. This is my 26th year with JNE, holding the BIM/CAD Manager role since 2000 and supporting all North America offices in developing standards, workflows, and best practices documentation, and providing in-house training sessions and presentations.

During my various roles, I got to learn AutoCAD Plant 3D, Advance Steel, Revit, Civil 3D, Recap Pro, Navisworks and various other CAD systems through professional trainers, Graitec Advance Steel Academy and AU since 2001.
Lance Benson
Steel Division Project Manager
John Bowman, Inc.

Lance Benson is a Steel Division Project Manager for John Bowman, Inc. As a former owner of a fabrication company, he has over 30 years' experience in the custom fabrication world.

He has been detailing steel since the beginning. Now he embraces the world of 3D modeling and detailing using Advance Steel by Autodesk. The 3D world is like virtual building. It enables a person to see many design errors or challenges before they cost money in the shop or field.

His current position involves working for a government contractor. Currently they take care of multiple military basis in the Colorado Springs area. This is a unique world where he never knows what he will be building next.

For over 22 years he has also maintained a strong relationship in the entertainment industry. This has enabled him to build critical structural pieces for some of the biggest names in the industry. From the Elimination Chamber for World Wrestling Entertainment to video towers for the Dallas Cowboys.

Proving that the design process is truly the backbone of a project's success. He now embraces the Steel Detailing process more than ever. Building solid documents to advance the shop and field's success is critical. He will prepare a material nest that helps the shop eliminate waist and insures they order the proper materials and hardware. The shop drawings and erection drawings guide the worker in successfully building the vision of the design team.

With our modern world it is easy for the customer or members of the design team to view a 3D Model on a mobile device or even logging on to Lance's work station to view the structural or architectural elements. Seeing is believing and the visual element of the 3D model has proven to be the most powerful communicator in his world.
Vojtech Chalupa
Product Development Engineer
IDEA StatiCa

Vojtech’s primary tasks in IDEA StatiCa include research and implementation of relevant codes and standards, along with the responsibility for the accuracy of theoretical background. He ensures that the software is reliable and dependable through verification and validation of its results.
Ian Coats
Technical Specialist Structural BIM
Autodesk Inc.

Ian currently serves as a Technical Specialist on Structural BIM at Autodesk. As part of his current role, he provides demonstrations, training and industry liaison. He started in the construction industry as a Draftsman, Layout Engineer and Site Manager for a large General Contractor in Scotland working commercial developments, industrial plants and bridges. Subsequently, he focused towards the steel industry gaining experience as a Project Manager for a fabrication shop, before moving into the early BIM era creating structural models of major retail developments for the largest fabricator in the country.

After coming to the USA, he has become more involved in construction software, leading a Technical Support Team and then as a Product Manager. Ian is an entertaining and renowned speaker in the community. He delivers thought leadership talks and technical demonstrations regularly to prominent industry groups. Ian also hosts the popular ‘BIMing With Confidence’ blog site.
Luke Faulkner is the Director of Technology Integration for the American Institute of Steel Construction where he focuses on BIM implementation and advancement as well as eCommerce for the structural steel industry.

Prior to Working for AISC, Luke was a project manager/estimator in the mechanical contracting industry where he served on the Technology, Management Methods, and Government Affairs Committees of the local contracting association. Luke Faulkner received a bachelor of science in Building Construction Technology from Purdue University in West Lafayette, In.
Olivier Gervais
Local Product Manager for Graitec Advance Workshop
Graitec Inc.

Olivier is now the Local Product Manager for Graitec Advance Workshop. He’s cumulated implementation success and customization around our customer base in North America, on the Autodesk Advance Steel technology. This software has no secrets for him, he’s also overseeing support for North American customers.

For the past 10 years, Olivier has been working with GRAITEC providing Autodesk Advance Steel support, consultation, training, product development, presales demos and implementation. Well experimented with Autodesk Advance Steel implementation for many of our customers, he establishes new methodology & processes and helps for a smooth transition of technology.

He is also focused on helping R&D for future release. He is the Drawing Styles Guru and expert in advance configuration of user settings and content.
Michael Gustafson, P.E.
Industry Strategy Manager - Structures
Autodesk Inc.

Michael Gustafson is the Senior Industry Strategy Manager for Structural Engineering, responsible for establishing long-term Industry Strategy for structural analysis, design, detailing and fabrication with Autodesk. He has authored several research papers about structural optimization and authored industry articles about the impact of trends like DfMA (design for manufacturing and assembly) and sharing economy on the AEC industry. Michael is registered as a Professional Engineer in the United States and holds a Masters of Science from the University of Minnesota, and an MBA from Michael J. Coles College of Business.
Vit is the Product Engineer at IDEA StatiCa. His main role is to support structural engineers in their projects from start to finish. He provides technical support, creates product documentation, software testing, writes articles and transforms customer feedback into propositions for the IDEA StatiCa development team.
Gernot Jeromin
Structural Steel Product Manager
Autodesk Inc.

Gernot Jeromin, a civil engineer, joined Autodesk in spring 2018 as Product Manager for Advance Steel and Revit Structural Steel, located in Germany.

In 2005 Gernot started working for Bentley Systems, as an application engineer for Plant. In his role, he provided consulting for companies in EMEA in AEC, photogrammetry, point-cloud technology, visualization, plant, structural steel, concrete and rebar applications. In 2015 he moved back from the USA to Germany where he worked for over 7 years as a product manager for ProStructures, a 3D structural steel, concrete and rebar modeling and detailing application.

Gernot has extensive experience in multiple industries like; mechanical engineering, electrical, EDM, HVAC, surveying and AEC, serving customers, users and business partners on a global scale. Along with providing consulting and training, he has also established multiple branches for CAD system houses in Germany and in the USA.
Intensive experience in pipe support design using AutoCAD, Plant 3D, Advance steel and 3D scan data. Over 5 years’ experience in laser scanning. Task also include scan project coordination and execution along with data processing and registering. Interaction with surveying groups to facilitate 3D scan geo location. Use design tools for information to use as marketing tools.
Frank Lemus
Applications Trainer for Revit
Graitec USA

Frank is a support specialist and applications trainer for Revit Architecture and has been with Graitec since 2017. He holds a Bachelor’s degree in Communications and earned the Autodesk Certified Professional certificate for Revit Architecture. He has presented topics for the Revit User Group in Houston, TX and is an active member. Recently, Frank has begun to work with the structural toolsets in Revit, and has been applying BIM workflows with BIM 360 Docs and Design.
Adrian Mangan
Chief Detailer
Advanced Detailing & Modeling, LLC

I am currently chief detailer for my own detailing firm in New York city, using Advance Steel. Currently work with numerous clients and detailing firms to provide accurate and timely drawings for steel fabricators both locally and across the country. Went to school in Ireland and gravitated to woodwork, technical drawing and mathematics, after this I studied furniture design (including AutoCAD) in University of Limerick.

Moved to New York in 2001 and started working construction as an Ironworker in NYC, 2 years in became a foreman and began to manage men and projects. Spend 13 years as Ironworker Foreman on both new construction and renovation projects of all kinds in the city, including field fabrication.

Transitioned to detailing in 2016 after studying for 3 years, as I saw the need for more accurate drawings for steel fabrication firms in NYC, and thought my field experience would be valuable.

I spend what spare time I have trying to create some useful learning content on my youtube channel (Eircad).
Many years of experience in process piping design utilizing several design software’s and design tools such as AutoCAD, Advance Steel, Plant 3D, Scene, Navisworks, Faro scanners, etc. Task as a piping lead is to manage project designs, coordinate proper communication between disciplines for information request and sharing, ensure company standards and customer specifications are met during design among other responsibilities.
Doug Morton
Advance Steel Specialist
Graitec Inc.

Doug is an applications specialist for Advance Steel, supporting North American customers. He has an extensive background working with steel and concrete 3D modeling and documentation systems where he has worked to enhance participants understanding of the software and its tools in a classroom environment, both live and online.

Additionally, he has acted as success-factors advocate where he initiated and maintained user advancement programs, provided software support and participated in focused multi-discipline coordination projects.

Doug demonstrates a deep and ongoing commitment to understanding a user’s needs, as he works to help educate and empower people so they can work as a team in their 3D related work projects.
Amy Stevenson is a structural engineer with GRAEF in Milwaukee, Wisconsin. Her previous design and detailing experience has been integral in formation of the simultaneous design and detailing process, coined GRAEFaccelerate™. She uses her seven years of fabrication modeling and detailing experience to help train and provide support for the team of engineers and detailers.