

# Robert Gittens Jr

## OBJECTIVE

Professional experience and educational background.



### ADDRESS

22 Cass Station Pass NW  
Cartersville, GA 30121  
United States of America



### PHONE

(770) 633-9530



### EMAIL

rgbim@bimsyncd.com



### BIMSYNC'D

[www.bimsyncd.com](http://www.bimsyncd.com)



### PERSONAL

[www.robertgittensjr.com](http://www.robertgittensjr.com)

## KEY EXPERIENCE

Jan. 2021– Current

President • BIMSyc'd, LLC • Cartersville, Ga.

Jan. 2008– Jan. 2021

North American Training Coordinator • Trimble, Inc. • Kennesaw, Ga.

Jun. 2005– Jan. 2008

Lead Detailer • Porter Steel • Lilburn, Ga.

As president of BIMSyc'd and training coordinator at Trimble I worked as a BIM consultant, technical support specialist, trainer, and development team.

At Porter Steel I was a lead steel detailer structural and miscellaneous steel buildings. This was also the case at Fab Tech Industries.

## KEY EDUCATION

Currently enrolled in BIMM BS program at Georgia Highlands College North Georgia Technical College, Clarkesville, Ga.

Education in drafting and design which included learning to interpret and draw blueprints for structures.

Also included instruction in the use of AutoCAD.

## EMPLOYMENT

Over 25 years of experience in the building and construction industry. (15 of those providing advising, training, technical support, and technical sales.)

Consulting and planning advice for adopting BIM. Strategic planning for phased implementation of BIM. Advice on current workflow with suggested revisions. Specialized training on Tekla Structures in steel, concrete, rebar, miscellaneous, and BIM interoperability techniques. Also, software adoption and document creation.

## LEADERSHIP

Board Chair for the Building Information Modeling Management Advisory Board. I brought the degree to the college and explained the concept of BIM and why it is a critical discipline for today's construction industry.

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### WORK EXPERIENCE:

#### Technical Drafting, Detailing, and BIM:

*January 2021 to present – BIMSyc'd, LLC. [www.bimsyncd.com](http://www.bimsyncd.com)*

Owner. BIMSyc'd is a service provider which collaborates with companies to discover a better way for them to use BIM and its techniques. Consulting services include workflow planning, standards creation, product recommendations, targeted training in software and procedures, and other custom BIM operations.

Using in practice and/or consulting on the usage of **Tekla Structures, Trimble Connect, Tekla PowerFab, Strumis, SDS2, AutoCAD, Revit, SketchUp, BIMPlus, BIM Review** and others.

*January 2008 to January 2021 – Trimble Solutions, Inc. [www.trimble.com](http://www.trimble.com)*

Technical consultant/expert/trainer for Tekla Structures (BIM). [www.tekla.com](http://www.tekla.com)

Responsible for help desk, pre-sales demonstrations, overseeing evaluations and implementations of software, conducting in-class Tekla Structures training for engineering and concrete, conducting customized onsite training classes per customer requirements, testing and development of various tools to enhance Tekla Structures, and creating documentation for training, help files, and explanation of complex processes using the product. Using **Tekla Structures, Trimble Connect, Tekla PowerFAB, SketchUp, AutoCAD, Revit Structural, Bluebeam**, and various **Microsoft Office** products.

Trimble is a leader in BIM and BIM technologies.

*October 2005 to January 2008 – Porter Steel, Inc.*

Lead structural/miscellaneous detailer. Used architectural and engineering drawings to create 3D models, and construction and manufacturing drawings on **Tekla Structures** and **AutoCAD**. Worked directly with the fabrication shop and the field personnel to complete construction documents and data. Compiled detailing standards manual for production.

*July 2000 to July 2002 – FabTech Industries, Presco Steel, Gainesville*

Lead detailer for a large steel company. Used architectural and engineering drawings to create 3D models, and construction and manufacturing drawings on **SDS2** and **AutoCAD R14** and **AutoCAD LT 2000**. Responsible for training fellow employees on the use of AutoCAD.

*September 1997 to February 1998 – Reliance Electric, Flowery Branch*

Transferred hand and microfilm drawings to **AutoCAD R13**. Temporary position through staffing company.

*June 1997 to August 1997 – Kubota Manufacturing, Gainesville*

Quality control and inspection department. Inspected incoming vendor parts before they are sent to the production line. Occasional in-line inspections.

*June 1995 to June 1997 – FRC Environmental, Gainesville*

Engineering drafting and design of wastewater treatment systems used in food processing plants. Collaborated with engineer to create production drawings. Worked on **AutoCAD R12** and **R13**. Generated bills of materials, etc.

*June 1992 to June 1995 – Ross Controls; Lavonia*

Drafter to engineering department, several types of **Intergraph/MicroStation** design software and **AutoCAD**. Created all drawings for my division of department. Assisted quality control in verifying accuracy of parts. Worked with inventory system and part number assignments.

## Writing Experience: (Examples of work below.)

*August 2002 to August 2004 – Lanier Life, The Times, Gainesville*

Part-time reporter. Lanier Life was a weekly paper for South Hall County and covered local events like city council, neighborhood events, and other local items.

*Nov. 1999 to July 2000 – White County News-Telegraph, CNI, Cleveland*

Full-time sports reporter/editor and cops beat reporter. Interviewed and covered sports related stories for White County High School, and the local parks department. Also covered any police and emergency related events like arrests, elections, and other government issues. Responsible for layout of sports pages using **PageMaker**.

*June 1998 to Nov. 1999 – The Times, Gannett News Service, Gainesville*

News clerk and staff reporter. Assigned various stories and writing tasks as well as updated the weather page and inputting other legal announcements. When working on the layout of the weather section I used **Quark**.

## EDUCATION:

*Present – Georgia Highlands College, Rome*

Pursuit of Bachelor's in BIM Management.

*2016 – Academy of Art University, San Francisco*

Pursuit of architectural degree.

*2000 to 2005 – North Georgia College and State University (University of North Georgia - UNG), Dahlonega*

Pursuit of English degree.

*2001 – SDS Headquarters, Lincoln, Nebraska*

**SDS2** certification in structural design software.

*1997 to 1999 – Gainesville College (University of North Georgia), Oakwood*

Pursuit of English degree. Courses included a class in mapping and geographical information systems.

*1990 to 1992- North Georgia Technical Institute, Clarkesville*

Graduated in manual and computer-aided design (**AutoCAD**). Courses included assignments in architectural and mechanical drafting. In addition, classes covering different types of work-related software. Including programs designed to create presentations. Algebra, geometry, and trigonometry emphasized.

*1990 – Gwinnett Technical Institute, Lawrenceville*

**AutoCAD** training and certification.

*1989 – East Hall High School, Gainesville*

Graduated. One year of drafting.

## ACHIEVEMENTS AND EVENTS:

Presented on BIM and 4D for **Project Management Institute** – online webinar.

Charter member for the **BIM Coordinators Summit DAO Community**.

Initiated and helped build the BS in BIM management at **Georgia Highlands College**, Rome, Georgia.

Presented on BIM at **Georgia Institute of Technology** on several occasions to the construction management program.

Instructor for nine training classes on **Tekla Structures** – Trimble, Kennesaw, Georgia.

Certified instructor for **Tekla Structures** – Trimble, Kennesaw, Georgia.

**SDS2** certification – SDS Headquarters, Lincoln, Nebraska.

**AutoCAD** certification – Gwinnett Technical School.

Member of the Student Government Association, **UNG (Gainesville College)**.

## SUMMARY

### Snapshot of my experience.

- Currently enrolled at Georgia Highlands College.
  - Bachelors in BIM Management.
- Graduated in drafting from North Georgia Technical College.
  - Learned to read and create documents.
  - Learned to use AutoCAD.
- Twenty-six years of drafting, BIM detailing, BIM software training, and BIM consulting.
  - President of BIMSyc'd – BIM consulting firm.
  - Training coordinator for Tekla Structures – For the North American market.
    - Created, taught, and/or maintained nine different classes on using Tekla Structures.
    - Created and delivered a trainer certification program.
    - Presented at multiple conferences and at a few schools on BIM.
  - Lead detailer at two firms – Lead detailer instructs new detailers on the process of detailing.
  - Software: **Tekla Structures, Tekla Structural Designer, Tekla PowerFab, Trimble Connect, SketchUp, SDS2, BIMPlus, Revit, AutoCAD, Strumis, and MicroStation.**
- Four years of newspaper reporting.
  - Interviewing and reporting on a variety of topics – Communication skills are critical.
  - Sports beat, cops beat, lifestyles, general, etc.