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Birth date 19. September 1966
Birth place New Orleans, Louisiana, USA
Marital status married



Skills and Knowledge

Software Extensive AutoCAD (2D and 3D), Microstation v.8, Bentley XM Instrument & Wiring, basic Unity and Blender, proficient in Microsoft Excel and Word

Languages English (Native speaker), German (basic), currently working on B1 German language certification

Portfolio highlights

- 3D model design and visualizations
- AutoCAD Dynamic 3D models
- Unity Project 2019.4.0f1: Lego 3D Model VR Viewer
 - Created an original 'game' to showcase and view Lego sets and models.
 - Using a VR Headset, a user can shrink down to minifigure size and explore models/sets in real scale

Full portfolio online at vr2tek.com

Experience

1. Responsibilities:
 - Produced Instrumentation Location and Wiring Construction package.
 - Worked on smaller projects alone, or tackle a large project leading a 12-person team.
 - Mindful of scheduled deadlines, budget and team allotted work hours.
2. 3D Model design:
 - Industrial instrumentation devices on projects.
 - Dynamic AutoCAD 3D symbols for easy customization.
 - Electric Trike project. Some components were sent to CNC shop for precise machining.
3. Visualization:
 - Inserted and maintained placement of instruments models within an overall shared Master Model.
 - Placed Trike model onto street for comparing the real vs. the digital model.
4. Programming:
 - Created customized programs to produce fast and consistent results within AutoCAD.
 - Optimized C# code for Unity project.
5. Post-project benefits:
 - Recognized on a national level.
 - Completed on time and within budget.
 - Construction package was 100% error free.

Work history

2017 – present	<i>Parental pause</i>
2014 – 2017	Lead Instrumentation and Controls Designer <i>Ford, Bacon, & Davis, Baton Rouge, LA</i>
2013 – 2014	Lead Instrumentation and Controls Designer <i>URS Corporation/AECom, Baton Rouge, Louisiana</i>
2012 – 2013	<i>Sabbatical, (stayed in Regensburg with Family)</i>
2008 – 2012	Lead Instrumentation and Controls Designer <i>URS Corporation, Baton Rouge, Louisiana</i>
2007 – 2008	Lead Instrumentation and Controls Designer <i>Ford, Bacon, & Davis, Baton Rouge, LA</i>
2006 – 2007	Senior Instrumentation and Controls Designer <i>URS Corporation, Baton Rouge, LA</i>
2005 – 2006	Senior Instrumentation and Controls Designer <i>Ford, Bacon, & Davis, Baton Rouge, LA</i>
1996 – 2005	Instrumentation and Controls Designer <i>Albert, Garaudy & Associates, Metairie, LA</i>
1994 – 1996	Virtual Reality developer and owner <i>VR2 & Global Graphics, Gonzales, LA</i>
1992 – 1994	Instrumentation CAD Drafter <i>Ford, Bacon, & Davis, Baton Rouge, LA</i>
1991 – 1992	Instrumentation CAD Drafter <i>Universal Technical Services, Baton Rouge, LA</i>
1990 – 1991	Instrumentation CAD Drafter <i>Ford, Bacon & Davis, Baton Rouge, LA</i>
1987 – 1990	Instrumentation and Piping Drafter <i>Bernard & Burke Engineering, Baton Rouge, LA</i>
1984 – 1987	Manual and CAD Drafter and Programmer <i>M.S.Benbow & Associates, Metairie, LA</i>

Education

1984	University of New Orleans, LA (General Studies), 1 semester
1980 – 1984	Destrehan High School, LA; High School Diploma (received Drafting and Computer Science Award)