

Jacob Nollen

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.Net Developer

.Net developer looking to expand my skill sets Enjoy working with teams to get difficult projects completed in a timely manner to customer specifications.

Software

Crestron Simpl Windows, Crestron VTPro E, Microsoft Team Foundation Server, Turtle, MATLAB, Microsoft Office, Windows, Linux, Photoshop, Wireshark, Biamp Tesira, QSYS, Clearone V2, Polycom DSP, Extron DSP Configurator, Extron Global Scripter, Extron Control Scripter, Visual Studio 2019, Visual Studio 2008, Toolbox

Programming Languages

C#, SQL, C++, C, Simpl, Simpl+, Simpl#

Certifications

Certified Technology Specialist (CTS) 2014 - 2023
Crestron Master Certified Programmer - Silver 2020
OSHA 10-hour Construction Safety and Health 2019

Education

Georgia Institute of Technology, Atlanta, GA | Graduated May 2013

- B.S. Computer Engineering
- Minor Computer Science

Experience

December 2022 - Present

Programmer | NetPlanner Systems Inc | Atlanta, GA

- Created libraries to facility new device communications
- Assisted in transitioning company into using C# for custom systems
- Worked with product owner to define programming scope
- Created User Manuals for all custom system
- Created custom code to support user needs for special rooms
- Provided technical support to end users and technicians to determine if the code was the problem or hardware was the problem

April 2022 - July 2022

Software Developer | Tonic AI Inc | Atlanta, GA

- Developed MongoDB array integration for the most used feature of the app.
- Helped update the UI as part of UI refresh.

December 2020 - January 2022

Programmer 2 | AVI Systems | Norcross, GA

- Created libraries to facility new device communications

- Devised a simple routing module to handle all company standards
- Worked with product owner to define programming scope
- Updated user interface to allow for dynamic room inputs
- Created User Manuals for all custom system
- Created custom code to support user needs for special rooms
- Provided technical support to end users and technicians to determine if the code was the problem or hardware was the problem

November 2019 - November 2020

Senior Programmer | Baker Audio Visual | Norcross, GA

- Created libraries to facility new device communications
- Updated code library to add new controls for tv control
- Worked with product owner to define programming scope
- Created User Manuals for all custom system
- Created custom code to support user needs for special rooms
- Provided technical support to end users and technicians to determine if the code was the problem or hardware was the problem

December 2017— November-2019

Programmer | AVI-SPL | Duluth, GA

- Created libraries to facility new device communications
- Assisted in transitioning company into using C# for custom systems
- Worked with product owner to define programming scope
- Created User Manuals for all custom system
- Created custom code to support user needs for special rooms
- Provided technical support to end users and technicians to determine if the code was the problem or hardware was the problem

December 2013 — November 2017

Programmer | Diversified | Norcross, GA

- Helped create new programming training track
- Trained new programmers
- Created new code library putting all previous code groups into a single library for quick access and ability to change later with system configurations instead of code changes
- Created libraries to facility new device communications
- Devised a simple routing module to handle all company standards
- Worked with product owner to define programming scope
- Updated user interface to allow for dynamic room inputs
- Created User Manuals for all custom system
- Created custom code to support user needs for special rooms
- Provided technical support to end users and technicians to determine if the code was the problem or hardware was the problem

May 2012 — August 2012

Device Engineering Intern | The Home Depot | Marietta, GA

June 2011 — August 2011

Sales Engineering Intern | BT Counterpane | Marietta, GA