

JOSHUA MCVEY

EMAIL
joshua@joshuamcvey.com

WEB
joshuamcvey.com

SOFTWARE DEVELOPMENT

C#
JavaScript
VBscript
API

REAL-TIME GRAPHICS

Vizrt
Ventuz
Unreal

USER INTERFACE

Touchscreen
Templates
HTML5

ADOBE SOFTWARE

Photoshop
Illustrator
After Effects

3D RENDERING

Cinema 4D
Blender

PROJECTS

Sports Data Server FOX SPORTS, CHARLOTTE

This long-term project involved creating a VM-based server that gathers data from various sources, formats the data, and responds to requests via API from internal clients, such as Viz Engines and Templates.

FoxBox Design and Development FOX SPORTS, CHARLOTTE

For Volleyball, Bowling, and Drag Racing I've done the development for the FoxBox (a custom live scoring application used by an operator at remote locations). Each sport requires a unique interface which controls a real-time engine and is integrated with live data from a local source.

Astuce MLB Data FOX SPORTS, CHARLOTTE

The data company Astuce provides an API, but also allow C# scripting within their platform which Fox makes extensive use to offload logic handling and reduce the number of external API calls. I've expanded this code base for NFL, MLB, College Sports, and Racing.

NASCAR Racehub Touchscreen FOX SPORTS, CHARLOTTE

A package of diverse scenes utilizing multiple interactive elements including telestration, clip control, sliders, and driver selection. Vizrt features used include Transition Logic and Shared Memory for data integration.

In-Game Promotions Workflow FOX SPORTS, CHARLOTTE

This workflow allows producers to quickly create and render promos from their computer in the codec they require. Matrox Rendering, FFmpeg, and Viz Pilot are used to reduce the number of steps necessary to build a set of promotions.

2012 Elections Support UNIVISION, MIAMI

Election data was ingested into Univision's touchscreen and that same data was displayed through AR with Viz Virtual Studio and a Shotoku Jib.

Vizrt Newsroom Product Integration MUNDOFOX, LOS ANGELES

MundoFox's launch required a Vizrt news package using Viz Pilot templates and Viz Ticker. Custom features included drag and drop accented characters and animated templates.

EXPERIENCE



Fox Sports, Charlotte
Sr. Software Developer July 2019 to Present



Fox Sports, Charlotte
Graphic Artist – Vizrt May 2014 to July 2019



Vizrt, USA
Product Specialist Manager May 2010 to May 2014



Fox 31, Denver
Graphic Designer May 2008 to May 2010