

Jake Howell

Saint Louis

EDUCATION

Webster University – St. Louis, MO

December 2018

Bachelor of Science - Computer Science

- Studied C++ and Java Object-Oriented programming languages
- Learned Data Structures by coding from scratch – Stack, Queue, Linked List, Hash Table, Binary Tree
- Learned mobile friendly design patterns for iOS and Android
- Learned best practices for IT Project Management, Agile, Scrum, Kanban, Sprints, Test Driven Development
- Studied SQL and PL/SQL by creating a functional Library database utilizing Oracle Application Express
- Learned principles of Cybersecurity - Kali, Tor, Wireshark, Penetration Testing
- Learned principles of Web Development – HTML5, CSS, JavaScript

Bachelor of Arts – Photography

- Learned best practices for Studio Workflow from concept to print
- Learned to use Hasselblad camera systems with Phase One P65 Digital Sensor
- Learned to use 4x5 View Camera with Phase One P65 Digital Sensor
- Gained proficiency using Capture One with Leaf and Phase One Digital Backs
- Learned professional practices in Color management – Monitor Calibration, Color Cards, Color Spaces
- Learned Studio Lighting Techniques for Portraiture and Products

WEBSITES

- [HTTP://FOXBODYFILES.COM/](http://FOXBODYFILES.COM/)
- [HTTP://JAKEHOWELL.NET/](http://JAKEHOWELL.NET/)

SKILLS

- Software Development – Angular, Bootstrap, C++, C#, CSS, Database, Drupal, Git, HTML, Java, JavaScript, JSON, jQuery, LAMP, .NET Node.js, Oracle APEX, PHP, React, SEO, SQL, SSH, ThreeJS, WCAG, Unix, Visual Studio Code, WordPress, XML
- Microsoft Office – Word, Excel, Infopath, PowerApps, PowerBI, PowerPoint, Outlook, OneDrive, SharePoint, SPFx

WORK EXPERIENCE

HGS Engineering Inc - Web Developer / Data Analyst

Jefferson Barracks VA Medical Center

September 2019 – Present

- Created responsive headers and navigation for internal Site Collections utilizing Bootstrap, HTML and CSS
- Migrated deprecated business workflows from SharePoint 2013 to SharePoint Online
- Created productivity increasing applications using Microsoft Power Apps and Power Automate
- Updated monthly SDS reports using Excel and PowerBI
- Managed and created custom permission groups to control access to data
- Experience in developing stored procedures, triggers using SQL and T-SQL in relational databases using Microsoft SQL Server Management Studio

Saint Louis Art Museum – Digital Imaging Assistant

March 2019 - September 2019

Saint Louis, MO

- Scanned reflective and transparent photographic mediums
- Organized museum assets using Piction and TMS digital asset management software
- Updated Piction and TMS with new Object Photographs
- Created tags and metadata for new installation photography
- Retouched and corrected images using Adobe Photoshop
- Communicated with Conservation and Publications departments to determine monthly needs

Dreyfus + Associates – Consultant

Saint Louis, MO

August 2018 - January 2019

- Maintained and updated WordPress website
- Created HTML email marketing campaigns with MailChimp
- Fixed POP email server glitches
- Facilitated changes to improve studio workflow
- Used Adobe Suites – Photoshop, Bridge - to edit photos for clients