

Jake Howell

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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

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

SKILLS

- Software Development – Angular, Bootstrap, C++, CSS, Drupal, Git, HTML, Java, JavaScript, JSON, jQuery, Node.js, PHP, React, SEO, SQL, SSH, Three.js, WCAG, Web Hosting, WordPress, XML
- Adobe Creative Suite – Photoshop, Bridge, Lightroom InDesign, Illustrator, Premiere Pro, After Effects
- Content Creation – Strong writing/proofing/editing skills for all media types
- Microsoft Office – Word, Excel, Power Apps, PowerBI, PowerPoint, Outlook, OneDrive, SharePoint

SELECTED WORK EXPERIENCE

HGS Engineering Inc - Web Developer

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
- Managed and updated SDS/Chemical Inventory Database using Microsoft SQL Server Management Studio
- Managed and created custom permissions and AD groups to control access to data
- Ensured any release of information requests were HIPAA compliant

Saint Louis Art Museum – Digital Imaging Assistant

March 2019 - September 2019

- 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
- Assisted with the creation of email marketing campaigns through MailChimp
- Fixed POP email server glitches
- Facilitated changes to improve studio workflow
- Used Adobe Suites – Photoshop, Bridge - to edit photos for clients

PUBLICATIONS & AWARDS

- “Natural Bridge No. 42” A Journal of Contemporary Literature, 2019
- Nancy Underwood Photography Scholarship Recipient