



MATT Jenkins

☎ Available upon request

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EXPERIENCE

THE TOMBRAS GROUP

Software Engineer | Knoxville, TN | August 2016 - Present

- Responsibilities include frontend and backend development using modern tech like Vue, Node, PHP, MySQL, and CMSes for large-scale clients such as NHTSA.gov, Orangetheory, and World Food Program
- Integrated Twitter APIs and IBM Watson in a Node backend and an AJAX based Vue SPA as the foundation for an internal tool aiming to profile and target specific social media users
- Built UI and JavaScript mini-games for NHTSA's award-winning VR experience Last Call 360 using ES6, Redux, RxJS, and a virtual DOM library
- Implemented Node and PHP backends for emerging technologies such as Amazon Alexa and Facebook chatbots while integrating with platforms like DialogFlow, MySQL databases, and various analytics services
- Collaborate with designers and bring their ideas to life with SCSS and ES6 JavaScript

CNS Y-12 NATIONAL SECURITY COMPLEX

Developer Intern | Oak Ridge, TN | June 2015 - August 2015

- Utilized Adobe LiveCycle to create paperless document evolutions with digital signature capabilities
- Designed interactive PDF documents with extended client-side functionality via JavaScript
- Built server-side workflow processes using Java and proprietary CNS Y-12 components
- Developed a method for revising documents by using data from completed PDFs and implemented it into new and existing products resulting in less data duplication and a simplified user workflow

CONVEEN

Software Developer | 2015 - 2016

- Developed iOS application that utilizes user's location to crowdsource and display nearby events
- Programmed in Swift using MapKit and EventKit frameworks for map and calendar integration
- Worked with Facebook SDK and its tokens as a way to register and authenticate users
- Designed and implemented PHP and MySQL backend that transmitted JSON data for event information

UNITED WAY OF BLOUNT COUNTY

Volunteer Web Developer | Maryville, TN | January 2015

- Completed three week project developing a way to digitally manage funding of local non-profits
- Led design and implementation of the frontend using HTML, CSS, Smarty, and jQuery
- Wrote PHP code to interact with MySQL database for extra functionality

TN-SCORE (UNIVERSITY OF TENNESSEE)

Intern | Knoxville, TN | June 2014 - August 2014

- Data-mined MaterialsProject.org for NSF-funded research and development of new catalytic materials for transforming biomass to alternative fuels
- Worked with Python and the pymatgen library to graph atomic properties for use in MATLAB
- Set up molecular models and ran VASP calculations on the STAMPEDE supercomputer
- Designed and programmed the laboratory's website for sharing research with the scientific community

EDUCATION & HONORS

MARYVILLE COLLEGE '16

- Bachelor of Arts, Computer Science (Summa Cum Laude)
- 3.99/4.00 GPA
- Jerry L. Pietenpol Computer Science Award, for most outstanding senior Computer Science major
- Russell N. and Frances Lane Edwards and Troy Bell Waggoner Award, for most outstanding junior in Mathematics & Computer Science division

SKILLS

LANGUAGES, TECHNOLOGIES & TOOLS

- JavaScript
- PHP
- Node
- MySQL
- ES6
- Vue
- Redux
- RxJS
- SCSS
- Git
- Swift
- C++
- Photoshop
- Sketch
- Illustrator
- macOS