

EMPLOYMENT

Front End Developer	Nimbus 9	Feb 2016 - June 2017
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- Implemented new design of the *Unifi*, the web client of a cloud-based energy management solution for lighting and HVAC
- Implemented initial design of *Unifi Audit*, a web app designed for auditing commercial property lighting needs
- Collaborated with User Interface and User Experience team, while ensured the technical feasibility of UI/UX design
- Advocated for best design best practices, with a focus on consistency, usability, and cross-browser compatibility
- Closely worked with back-end and full-stack developers to optimize existing technology and create the best possible user experience
- Technologies: Angular 1.x, Pug, Stylus, Gulp, Bitbucket, JIRA, and light work in MongoDB and PostgreSQL

Associate Professor	Winston-Salem State University	Aug 2008 - May 2015
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- Tenured in both Art + Visual Studies and Music Departments (Granted 2014)
- Coordinator of Music Business, Coordinator of Music Theory, Chair of National Association of Schools of Music Accreditation Committee, University Professional Development Committee Chair, College of Arts and Sciences Shared Governance Committee.
- Lead creation of BA in Music Degree
- Digital Art Curriculum Courses: 3D Modeling, Adobe Suite, Interactive Media, Game Design
- Music Curriculum Course: Music Theory, Digital Audio, Studio Recording, Bass and Guitar
- Internationally exhibited as artist and researcher

Information Technology	Allegacy Federal Credit Union	Oct 2006 - July 2008
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- New computer and software role out of MISER banking software
- Hard Drive Imaging, Crystal Reports, Member Database update for transition

FREELANCE

Web Developer	newmediacaucus.org	Current Contract
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- Redesign and implementation of organization website (launch date: Aug 15, 2017)
- Creation of custom WordPress theme including donation, membership, and journal article forms

Software Developer	eVision	Current Contract
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- Implementing an interactive environment for cabinet selection using Unity
- Image projection mapping

PERSONAL PROJECTS

Web Developer

passengers.io

- Design and implementation of the passengers.io website, a research and art driven collaboration with writer Nuria Alonso García and artist Leo Morrissey (ongoing project)

Composer

Smithsonian Performance

- Music Composition for a projection mapping performance on the National Air and Space Museum to be premiered October 2017. In collaboration with Thomas Tucker (ongoing project)

EDUCATION

- Front End Web Development Apprenticeship, Bloc.io 2015
- Doctor of Philosophy, Music, University of Iowa, Iowa City, IA 2006
- Master of Music, University of Florida, Gainesville, FL 2001
- Bachelor of Music, Appalachian State University, Boone, NC 1998

Languages and Technologies

- HTML, CSS, JavaScript(ES6), jQuery, Angular
- Stylus, Sass/Less, Bootstrap, D3, Chart.js, Leaflet
- Gulp, Bower, npm, git
- Adobe CC, Sketch, Final Cut Pro, Blender, Unity
- Personal Experiences with: Angular 2+, React, Express, Node, Wordpress, Python, C#

*References available by Request