

Skills

HTML, CSS (Bootstrap, Materialize), JavaScript (jQuery, Ajax, ES6, React), Node.js, MySQL, Express, MongoDB, Mongoose, Sequelize, Handlebars, Sass, and Git.

Relevant Experience

2019-2020 Georgia Institute of Technology Full Stack Flex Bootcamp – Atlanta, GA

A 6-month coding bootcamp focusing on front and back end development.

- **The Hikers Guide:** A web application to plan emersion in the outdoors listing 16 relevant hikes in a given area or in the user's current location. Relevant trail details and weather information are also included. My team of three built this application using multiple API's, JavaScript, jQuery and Materialize.
<https://github.com/aagrosse/theHikersGuide>
- **FileFish:** An application using Bootstrap, Handlebars, Node, Express, Sequelize, MySQL, and Passport for tracking water quality parameters for any size aquarium or exhibit to get ahead of parameters going out of a range to keep the systems inhabitants in an optimal environment..
<https://github.com/aagrosse/fileFish>
- **Bandwagon** A full stack digital music streaming platform using React.js, Axios, Express, Material UI, Amazon S3, MongoDB, Algolia, and Stripe, to connect newer musicians to fans directly, removing the middle man to maximize funding going directly to the musicians.
<https://github.com/aagrosse/bandwagon>

2009-Now Georgia Aquarium – Atlanta, GA

Assistant Manager, Life Support Systems, Design and Engineering

Managed a team of 14 technicians in charge of the life support systems of the aquarium.

Maintained the MsSQL database for the automation of the components included in the Life Support, troubleshot sensors/automation/ and scripting, and reloaded and edited ladder logic for component PLC's.

Created construction documents and provided construction administration for new systems.

Experience

2014- Now Consulting – All over the US

Collaborated with a variety of consultants to help in the design process and create construction documents for zoo and aquarium exhibits, ozone systems, automation and control systems, and 3-D models of system components.

2009 Historic American Landscape Survey (HALS), National Park Service – New Lebanon, NY

Landscape Architect

Documented the water system of the Shaker Village of New Lebanon, NY in both 2D and 3D digital formats.

2009 -2013 Anofit, LLC - Atlanta, GA

Graphic Designer

Created website elements and promotional graphics for a strength and conditioning wellness brand in downtown Atlanta.

2004 -2009 Glatting Jackson Kercher Anglin (now AECOM) – Orlando, FL

Registered Landscape Architect / Park Planner

Conducted public meetings. Coordinated consultants (civil, electrical, structural, architecture, and irrigation. Managed project teams and created PowerPoint's/concepts/hand graphics/digital graphics/3D sketchup models/permit drawings/ construction documents/ cost estimates. Conducted comprehensive surveys of floristic and faunal communities. Assessed population dynamics of existing federally-listed threatened and/or endangered species, such as gopher tortoises and sand skinks.

Education

Georgia Institute of Technology - Atlanta, GA
Full Stack Flex Certificate

Harvard University
CS50x Certificate

University of Georgia - Athens, GA
Bachelor of Landscape Architecture

Other Skills/Interests

- Fluent in AutoCAD, Adobe Photoshop/Illustrator/InDesign, Sketchup, ArcGIS, Revit and Microsoft Word/PowerPoint/Outlook/Excel
- Creation of Construction Documents
- Project and Team Management
- Film/digital photography
- Cave Mapping (produced digital and hand drawn cave maps)

Certifications

- Registered Landscape Architect in the State of Florida
- PADI Open Water Scuba Diver
- Naui Advanced Open Water/ Nitrox
- CPR and AED/ Basic First Aid