Alan Grosse

Full Stack Web Developer

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in linkedin.com/in/alan-grosse ➤ https://aagrosse.github.io/portfolio-four/

▦ PROFILE

I'm a Full Stack Web Developer with a background in design and leveraging a bachelors degree from The University of Georgia. I currently work at the Georgia Aquarium where maintain the automation database and reprogram equipment controls and PLC's. I hold a certificate in Full Stack Development from the Georgia Institute of Technology. I'm eager to use my skills and unique perspective to create web elements that are functional, visually pleasing, solve problems, and provide a clean intuitive user experience.

⚙ SKILLS

JavaScript, CSS, HTML, React, jQuery, SQL, MongoDB, Git/Github, API's, JSON, Bootstrap, Ajax, Axios, VS Code, MVC, Handlebars.js, Express, Agile Software Development, Materialize, Node.js, Sass, AutoCAD/Revit, Photoshop/ Lightroom/ Illustrator/ InDesign, Project/ Team Management, Photography, Cartography

🗂 PROJECTS

Alabama Cave Survey, *PHP, JavaScript, MySQL, AWS, Wordpress*
Deployed Version: http://www.alabamacavesurvey.org/
A legacy project I was brought on to update depreciated code and add features for the Alabama Cave Survey members. Members can search cave data and get printouts of cave info as well as a google maps topographic overlay with GPS points of the cave selected as well as nearby caves

Neighborhood Nexus, *MERN stack, Heroku*
Deployed Version: http://data.neighborhoodnexus.org/

Bandwagon, *React.js, Axios, Express, Bootstrap, Amazon S3, MongoDB, Stripe*
Deployed Version: https://bandwagon-project.herokuapp.com/
Github Repo: https://github.com/aagrosse/bandwagon
A full stack digital music streaming platform to connect newer musicians to fans directly, removing the middle man to maximize funding going directly to the musicians.

The Hikers Guide, *JavaScript, jQuery, Materialize, API's*
Deployed Version: https://aagrosse.github.io/theHikersGuide/
Github Repo: https://github.com/aagrosse/theHikersGuide
A web application to plan immersion 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.

🎓 EDUCATION

Georgia Institute of Technology, *Full Stack Web Development Certificate*

University of Georgia, *Bachelors Landscape Architecture*

📖 COURSES

ComputerScience(CS50) (in process), *Harvard University*
C, PHP, Python, JavaScript, SQL, CSS, and HTML

Code Academy
JavaScript, React, C++, Python

💼 PROFESSIONAL EXPERIENCE

Atlanta Regional Commission, *Junior Developer (Contract)*   07/2020 – present
- Part time contract position
- Covid-19 tracker - refactored code to make it scale-able to handle growing cases of the pandemic.
- DataNexus - addressed errors and added additional features to this map based application used by non-profits and government agency's to make data based decisions in the Atlanta area.
- Eviction Tracker- built web scrapers to collect court case data and then sorted data based on key factors to filter candidates eligibility for a 20 million dollar grant to keep people in their homes.

Georgia Aquarium, *Assistant Manager, Life Support Systems, Design and Engineering*   10/2009 – present
- Managed a team of 14 technicians in charge of the life support systems of the aquarium.
- Maintained the MsSQL database and scripting logic for the automation of the components included in the Life Support, troubleshot sensors/automation/ and scripting, and reloaded and edited logic for component PLC's.
- Created construction documents and provided construction administration for new systems.
- Created a training program for existing and on-boarding new technicians.

Anofit, LLC, *Graphic Designer (Contract)*   12/2009 – 08/2013
- Created website elements and promotional graphics for a strength and conditioning wellness brand in downtown Atlanta.

Historic American Landscape Survey (HALS), National Park Service,   05/2009 – 08/2009
Landscape Architect
- Documented the water system of the Shaker Village of New Lebanon, NY in both 2D and 3D digital formats.
- Integrated models into Google Earth

Glatting Jackson Kercher Anglin (now AECOM), *Landscape Architect*   08/2004 – 04/2009
- 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 and cost estimates for developers and city governments in the SE United States.

👥 REFERENCES

Jay Wozniak, *Director, Georgia Urban Parks*, The Trust for Public Land
404.514.8817

Gary Warner, *Director of Parks and Recreation Planning*, WithersRavenel
407.810.0097

Matt O'Grady, *Software Engineer*, RippleWorx
586.863.6509