DAVID VAUGHAN

(404) 277-0936
dvaug23@gmail.com
https://github.com/dvaug86
https://www.dvaughanportfolio.com

HIGHLY MOTIVATED CAREER ENGINEER WITH BROAD KNOWLEDGE BASE
AND DEVELOPING EXPERIENCE IN CODING AND PROGRAMMING

- Accountable
- Adaptable
- Agile Development
- Cooperative
- Detail Oriented
- Diligent
- Flexible
- Helpful
- Procedural
- Prompt
- Straightforward
- Quick Learner

TECHNICAL SKILLS

- HTML
- JavaScript
- TypeScript
- React
- Next.JS
- Search Engine Optimization (SEO)
- Node.JS
- Express
- CSS
- Bootstrap
- Tailwind CSS
- MySQL
- MongoDB
- Mailgun
- Passport
- Stripe
- Python
- Microsoft Office
- AutoCAD
- ArchiCAD
- Revit
- ENERCALC
- Forte
- RAM

EDUCATION

Full Stack Engineering *Bootcamp Program* Covalence...**2022**
Introduction to Python Programming *Certification* University of Pennsylvania...**2020**
Civil Engineering *Bachelor of Science* Kennesaw State University...**2013**

PROJECTS

Drew's Plant Nursery
- *Next.JS, JavaScript, Tailwind CSS and Contentful*
- Client Goal: Increase business, showcase plant inventory and develop e-commerce and blogging capabilities.
- Built website to showcase inventory for semi-annual plant sale.
- Added 200+ plants to inventory and continuing to add more.
- Currently working on optimizing their SEO
- https:www.drewsplantnursery.com

Jim's Construction, LLC.
- *Next.JS, JavaScript, Tailwind CSS, Contentful*
- Client Goal: Increase clientele through marketing their business online using better SEO practices.
- Designed and built a website framework mirroring client's original Wordpress website.
- Currently awaiting client's feedback on the first phase before developing the website further.
- https://jims-construction-bham.vercel.app/

PROFESSIONAL SUMMARY

Pike Nursery Sales Associate....**2023-Present**
- Promoted after 4 months based on exceptional performance and dedication
- Provide expert guidance and assistance to customers selecting plants, gardening supplies and outdoor living products
- Assist customers with landscape design ideas and solutions, resulting in customer satisfaction and repeat business
- Collaborate with a team to maintain a visually appealing and organized store layout
- Participate in regular product knowledge training
- Utilize strong communication skills to effectively convey plant care instructions and gardening advice to customers
- Contribute to achieving and exceeding sales targets through personalized customer interactions

Freelance Web Developer...**2023-Present**
- Developing, improving and maintaining websites for clients

Tutor Grade *Potential Tutoring.*..**2022-Present**
- Tutor clients of all ages in Information Technology, Math, Science, History, Language Arts and Latin

Carpenter *Mateosky Construction Inc.*..**2019-2021**
- Completed tasks related to the construction of buildings and acted as part of a team to finish critical jobs

Hotel Engineer *Snake River Lodge and Spa.*...**2018-2019**
- Worked on refinishing and updating projects and completed regular maintenance

Structural Engineer *Y2 Consultants*...**2017-2018**
- Calculated and created plans for multi-million dollar projects
- Performed inspections and reviewed drawings for accuracy and completion
- Coordinated between architects and construction workers to complete the needs of the client

Design Engineer *Primus Builders Inc.*..**2016-2017**
- Created models using design programs and reviewed drawings to ensure proper specifications were met
- Prepared calculations for the design process and attended coordination meetings

Structural Analyst *FDH Velocitel*..**2014-2015**
- Performed structural analysis evaluations and comprehensive report summaries of cell phone towers and their foundations

Geotechnical Engineer *United Consulting*..**2013-2014**
- Functioned as the primary inspector for a 23-story apartment complex in Atlanta
- Performed inspections, completed daily reports, and collected/summarized results from testing procedures

Research Assistant (Undergrad) *Southern Polytechnic State University.*..**2012-2013**
- Performed various testing for hot mix asphalt as well as modelling and characterization for the Georgia Department of Transportation database

PUBLICATIONS

"Use of Recycled Concrete Materials as Aggregate Base Layer" *Primary Author Dr. Sung-Hee Kim, P.E.*
- Recognized in publication as Undergrad Research Assistant

CERTIFICATIONS

Engineer in Training (EIT) License & Certification: EIT025970
American Concrete Institute (ACI) Certification: 01256709