David Allison

Full-Stack Software Engineer

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As a software engineer, I use technology and data to bring imaginative storytelling and inventive problem solving to those from all walks of life. Utilizing my passion for health, wellness and personal development, I create efficiencies in workflows through adaptability and flexibility, to build optimized and engaging experiences for diverse audiences. I take pride in supporting others in their efforts to grow as demonstrated in my ability to support career changers pivoting into the tech industry.

TECHNOLOGIES

- Programming Languages: Python, JavaScript, SQL, HTML, CSS,
- Frameworks/Libraries: Node.JS, React, Express, Mongoose, Django, Flask Handlebars, EJS, jQuery
- Databases: PostgreSQL, MongoDB, SQLite
- Tools: Postman, Jira, Git, Github, Heroku, Bootstrap, Materialize,, Figma, Trello, AutoCAD, Google Analytics, Wireframing

STRATEGIC SKILLS

Strategic Thinking and Communication | Team Collaboration | Training and Development | Customer Success | Conflict Resolution | Public Speaking | Relationship Building | Diversity & Inclusion | Empathy | Operations Management | Project Management | User Research | Service Design

PROJECTS

- **cashTap |** [GitHub Repo(Front-End)](#) **|** [GitHub Repo(Back-End)](#) **|** [Deployed Site](#) **|** Bill Reminder app deployed on Heroku and built with PostgreSQL, Django, React, and utilizing an Express.js Twilio backend for SMS feature.
- **Accompli** | [GitHub Repo(Front-End)](#) | [GitHub Repo(Back-End)](#) | [Deployed Site](#) | Goal and task setting single-page application built with a MongoDB database, Mongoose, Node.JS, React, and Bootstrap.
- **InspoFit** | [GitHub Repo](#) | [Deployed Site](#) | Fitness inspiration CRUD app built with a MongoDB database, Mongoose, Node.JS, EJS, and Materialize.
- **Black Jack Game** | [GitHub Repo](#) | [Deployed Site](#) | Blackjack game built with HTML, CSS, and JavaScript.

RELEVANT EXPERIENCE

General Assembly   Washington, DC
Senior Student Success Specialist   02/2017 - Present

- Mentor students in building skills in software and data through collaboration with industry experts on subjects matter and curriculum at a leading education and career transformation provider resulting in the graduation and hiring of over 150+ software engineers and data scientists annually.
- Use data-driven processes to drive collaboration and create efficiencies in the company's internal workflows increasing our team's ability to provide a worthwhile student experience and redefining the limits of the EdTech industry.

- Drive academic, extracurricular and administrative initiatives and mentor students across the DC campus, one of which resulted in a 66% reduction in our student withdrawal rate and 50% increase in our software engineering graduation rate quarter over quarter.
- Implement all local and federal student regulations, including those set by the Department of Veterans Affairs, in order to maintain proper licensure, ensure the campus is prepared for all audits and site visits, and be able to move forward with our strategic objectives.

Freelance Lighting Designer   US
Self Employed   09/2012 – 10/ 2017

- Provide contextual research based on a performance medium to facilitate a lighting design for audiences.
- Coordinate all details pertaining to the lighting design - create documentation, develop implementation plans and requirements, and collaborate with a team of technicians in its build and upkeep.
- Adapt to clients feedback through creating a scalable infrastructure reducing costs and improving overall audience experience.

Clarice Smith Performing Arts Center   College Park, MD
Electrics/Audio/Video Assistant   09/ 2015 -02/2017
- Consult with clients, both domestic and international, advising them on the best strategies to fulfill project requirements.
- Collaborate with 8 departments across a highly cross-functional organization solving complex and unique project requirements over 100+ different events annually across 7 different spaces.
- Plan and organize visual elements for banquets, concerts and lectures, featuring performers such as Reggie Watts, Grammy-winner Angélique Kidjo, and former Vice President Al Gore.

EDUCATION

General Assembly, Software Engineering Flex Program   06/2021 - 12/2021

On track to complete 500+ hours of expert-led instruction and hands-on learning in necessary to become a full-stack web developer with a focus on industry best practices in Application Development, Object-Oriented Programming, Agile Methodologies, REST APIs, MVC frameworks, ORM middleware, Data Modeling..

General Assembly, Digital Marketing Course   07/2020 - 09/2020

Completed 40+ hours of instruction and hands-on learning to gain skills in creating a campaign plan across multiple channels including setting objectives and KPIs, customer research and storytelling, using data from Google Analytics and/or Facebook Ads.

General Assembly, JavaScript Course   11/2017 - 2/2018

Completed 60+ hours of expert-led instruction and hands-on learning to gain skills in full-stack JavaScript development including tools such as Node.JS, Express, REST APIs, and MVC frameworks.

University of Maryland, College Park , Bachelor of Arts
Theatre Design and Production   09/2010 - 06/2014