

Justin Branham

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 justinbranham.github.io/portfolio

 Forest, VA

IT & Quality Assurance Professional looking to transfer into Software Engineering/Full Stack Development full time. More than 8 years of relevant experience including the development of web applications and workflows for both internal business use and customer-facing solutions. A Life-long learner who enjoys solving tough problems.

Technologies

HTML5	Mongoose	Java	Babel	Oracle 10g/11g	Authentication	SharePoint	Windows 2008 R2/7
CSS3	Lodash	J2EE	EJS	MongoDB	Passport.js	SharePoint Designer	Active Directory
Bootstrap4	Python3	JSP	JSX	MySQL	OAuth2	InfoPath	Microsoft D365
JavaScript ES6	C++	R	APIs	PostgreSQL	PLSQL Developer	WebLogic Server	Open ERP/Odoo
Jquery	PHP	Octave	REST	SQL Server	JDeveloper	Apache	M1 ERP
React.js	MATLAB	SAS	JSON	SolidWorks	Visual Studio	AJAX	Simio
Node.js	Mathematica	VBA	XML	AutoCad	VS Code	WordPress	AutoMod
Express.js	Swift	SQL	SDLC	Minitab	Atom	Machine Learning	Adobe Fireworks
			Agile	Git/Github	Cloud (MongoDB Atlas, Heroku, AWS)		Sketch
							SketchUp

Professional Experience

Web Developer

Untapped Solutions LLC/Freelance | September 2018 - Present

- ◆ Developing end-to-end (Design, Front-end, Back-end) responsive web solutions.
- ◆ Writing maintainable and extensible code in an Agile environment.
- ◆ [HTML5, CSS3, Bootstrap4, JavaScript ES6, JQuery, React.js, Node.js, Express.js, OAuth2, MongoDB Atlas, Heroku]

IT Developer

Delta Star Inc. | August 2015 - September 2018

- ◆ Increased business efficiency by developing scalable SharePoint based workflows with group-based security to ensure data integrity. All Solutions created within the SDLC methodology.
- ◆ [HTML5, CSS3, Javascript ES6, SharePoint, SharePoint Designer, InfoPath]

QA Engineer

Advanced Manufacturing Technology Inc. | August 2012 - August 2015

- ◆ Automated BI reporting, QA sampling criteria, and Pareto analysis. [VBA, M1 ERP]
- ◆ Invited to participate in the IT Department web development training program. [WAMP stack]

IT Intern

The Scotts Miracle-Gro Company | May 2012 - August 2012

- ◆ Increased efficiency and throughput of project management deliverables via key SharePoint site updates and Project Management Office page development for all 7,000 members of Scotts Miracle-Gro.
- ◆ Planned, gained alignment, and initiated implementation of G Suite for the Business Transformation Department.

Data Science Research Assistant

Liberty University, School of Engineering | October 2011 – May 2012

- ◆ Worked alongside Liberty University engineering professor developing a response to the Transportation Research Board's RFP: "Applying GPS Data to Understand Travel Behavior" (NCHRP 08-89).
- ◆ Researched developing an in-house software system with decision analysis components for marketing applications.

Education

B.Sc. Industrial and Systems Engineering (ABET Accredited)

Graduate GPA: 3.59/4.0

Liberty University

- ◆ Computer science tools utilized throughout the program: [C++, Java, R, MATLAB, SAS, VBA, Mathematica]

Full Stack Web Development Bootcamp Credential: <https://bit.ly/3eR5Oao> Dr. Angela Yu, London App Brewery

Machine Learning (Coursera class audit) Course Overview: <https://bit.ly/2VAah9V> Dr. Andrew Ng, Stanford

Projects (justinbranham.github.io/portfolio)

Multi-Agent Systems (MAS) Scheduling

- ◆ Repurposed MAS demos for use in a job shop scheduling application. [Java, Eclipse]

Line Following Robot

- ◆ Constructed hardware and developed software necessary to create a line-following robot in a manufacturing context.
- ◆ [C/C++, Arduino hardware]

Oracle Database Web Application

- ◆ Developed Oracle HR database web application that allows users to view and update employee data remotely.
- ◆ [Java, Oracle RDBMS 11g, JDeveloper, WebLogic, J2EE, Oracle ADF]

Financial Engineering

- ◆ Developed automated stock analysis and forecasting software. [VBA]