Jon Christie

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OBJECTIVE

Coding Instructor for Varsity Tutors and professional web developer with over 5 years' experience in web design and website management. Front end, back end, and full stack web development using various stacks for different uses like data analysis or eCommerce apps. Ongoing drive to learn and adapt using a set of crucial natural talents have made me an irreplaceable asset for the companies and people I've had the pleasure working over the years. As a coding instructor, I've kept me up to date with the industry, in touch with new connections and opportunities, and continue to expand my knowledge. Helping and teaching young adults how to take their next step in life for 9-10 years keeps one quite mindful of those very skills being passed along. Active listening, adaptability, communication, confidence, creativity, patience, problem solving, teamwork, time management, humor, and fun are some additional skills I practice, value, and happily share.

SKILLS

LANGUAGES

• **HTML**	• **CSS**	• **Javascript**	• **Python**
• Angular	• TypeScript		

FRAMEWORKS, LIBRARIES, AND ENVIRONMENTS

• **React**	• **Express**	• **Bootstrap**	• **NodeJS**
• **MaterialUI**	• ThreeJS		

SYSTEMS, CMS, & DATABASES

• **Git**	• **CLI**	• **MySQL**	• **HTTP**
• **Scrum**	• **Google Cloud Platform**	• **MongoDB**	• **Cloud DBaaS**
• REST	• APIs	• Amazon Web Services	• Agile Methods

TESTING

• **React Testing Library**	• **Jest**	• **Mocha**	• Jasmine
• Chai	• Lambda Test		

OTHER SOFTWARE + SKILLS

• **SEO**	• **Quantitative analysis**	• **Responsive Web Design**	• **Functional Programming**
• **Object Oriented Programming**	• **Adobe CS**	• **Figma**	• **Unity 3D**
• **Blender**	• Logic Pro X	• Audio Production	

PROJECTS

Super Pantry Buddy, 2020

- **Live Site:** https://superpantrybuddy.herokuapp.com/
- **GitHub Repository:** https://github.com/mathcodes/SuperPantryBuddy
- **Technology:** React, React Context, MongoDB, Mongoose, Node, ORM, Express, OAuth, Jest, Bulma, Figma
- **Description:** MERN application providing users a responsive, customizable experience to find and save recipes
- **My Contributions:** Coordinated the implementation of OAuth, React State using Context, the UI, Logo design, as well as testing with Jest
- **Future Development:** Restyled the design with user-based color scheme and user-friendly interface and layout, optimized API calls with more specific endpoints and utilizing more of the data from each call, allowed users edit and log recipes, designed, and delivered social aspect allowing users to share and comment on each other's recipes.

A Python Log, 2021

- **Live Site:** https://jonspythonlog.herokuapp.com/
- **GitHub Repository:** https://github.com/mathcodes/PythonLog/
- **Technology:** Python, CSS, HTML, JS, Replit, Django, Tkinter, JSON, Illustrator, HTTP Requests
- **Description:** A full stack website with blog, using Python to run the backend, and allowing users to post, share, and delete content. A user-centric and mobile-friendly design adds functionality and a responsive UI.
- **Future Development:** Add more validation for all user input. Prepare server-side database by writing more scalable, secure, and maintainable code to power the platform, increasing the user experience, something I've always put on the top of my priority list.

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PROFESSIONAL EXPERIENCE

Varsity Tutors – Coding Instructor   **Remote**   **2021 – present**

- Maintained a 100% success rate with both student retention and feedback, all 5/5 and written by students of all ages each week, verifying the quality of my services and knowledge of the material
- Created and implemented various lessons plans covering several different learning strategies for mastering code amounting to 20-30 hours of work per week on top of research, projects, and the actual sessions
- Inspired and motivated students using my knowledge and love for over 20 in-demand coding languages and technologies including Javascript, HTML, CSS, Jquery, Python, OOP, React, C++, AWS Cloud Services, Java, and Angular

Pivotous – Reputation Manager / Web Developer   **Remote**   **2020 - 2021**

- Organized and oversaw a team of 11 Technical Assistants by training them on software to track and monitor progress using data analytics and up-to-date SEO tactics
- Enhanced competitive analysis using CHAIN and C&RT models to optimize clients' ROI effectively by more than 23%.
- Monitored, restored, and enhanced software updates using marketing software to serve clients at scale
- Expedited and refined marketing strategies using customized software to increase clientele by an average of 178.8%
- Managed team of 30+ successful WPP Brand Account Managers, Media Negotiators and Promotions Specialists

TE21, Inc – EdTech Developer   **Durham, NC**   **2016 - 2018**

- Introduced and implemented coding and CS skills for entire company's 5-person curricular teams to increase the rate of digitizing 80,000 test items by 7.2 times the original rate, creating close to two full weeks of much needed time for already pending tasks for all the teams.
- Led math team's transition into EdTech industry by both expediting the process and combining Python, MathML, and LaTeX with HTML, CSS, and JS to integrate our items into the new platform while maintaining responsiveness.
- Introduced a new industry-wide EdTech feature: customizable test items by state standards while providing an easy-to-use item creator for teachers to create their own items that mirror the End-Of-Course testing functionality introducing the actual test taking experience when they administer practice tests their own classroom.
- Personally refactored the dataset of 80,000 TE21 test items to be compatible with Certica's data integration, education analytics, and machine-assisted learning techniques built into their architecture.
- Collaborated with Certica techs and formed a team to execute the merging of a total of more than 220,000 test items, each an object with over 50 parameters utilized to implement entity resolution, Machine Learning, and data matching processes to sort and parse the items as needed.

Dove Fox Studios, LLC – Founder, Owner / Web Developer   **Remote**   **2013 - 2016**

- Developed business plan, obtained loans to start up the business, found manufacturing facility, and presented customer plans at zoning boards
- Managed all crucial areas of strategic partnering, product development, commercialization, and public and investor relations
- Created and maintained data visualizations that engaged clients on key metrics and performance measure
- Founded DoveFox Studios, an online tutoring service with 30+ accredited contractors teaching academics and music
- Established long-term and value-added relationships with assigned business partners to educate and develop the analytic capability of business customers and the organization
- Headed the marketing and SEO department to increase sales by an average of 37% per year
- Secured and oversaw all online transactions amounting to $182,000+ per year

EDUCATION

100 Days of ML Code, Avik Jain	**current**
AWS Certified Developer – Associate Certification	**current**
100 Days of Python, Dr. Yu	**2021**
Kubernetes Certificate, Microsoft	**2020**
University of North Carolina at Chapel Hill, Full-Stack Certificate Program	**2020**
University of North Carolina at Chapel Hill, BA Mathematics	**2001 – 2005**