

Richard Sandrok

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Evanston, IL

software developer

qualification summary

Motivated full-stack developer, experienced digital content creator, and proven collaborator with team management and software development experience. I can coordinate and communicate with technical and non-technical people at all levels, from Customer Service to C-Suite. I have experience working with organizations of various sizes, from being the third person at a start-up to mid-size global companies. I have worked in many locations throughout the world for varied clientele.

Technical Skills

Programming Languages Python, JavaScript, NodeJS, HTML5, XML, CSS3

Web Technologies & Frameworks RestAPI, Web Form APIs, Angular, SQL, Flask, Express, Bootstrap UI, NumPy, Pandas, jQuery

Databases SQL, MySQL, PostgreSQL, MongoDB, SQLite, AWS RDS

Tools & Methodologies Git, Object-Oriented Programing, Anaconda, Jupyter Notebook, Data Model, SQL Server Management Studios, Google & Mozilla Developer Tools, Agile Development, JSON, Tableau, WordPress, Adobe Suite (Photoshop, Lightroom, Premiere), SharePoint, Microsoft Office (Word, Excel, PowerPoint), Camtasia, Reaper, Audacity, DaVinci Resolve, SAP, YouTube, Vimeo, Libsyn

Source Control & OS GitHub, Git, Windows, OS X, Linux, iOS, Android

development projects

Project Name Carzone

Description Full-stack web application for selecting vehicles and leaving ratings and reviews. As part of the back-end team I worked to create a web-based API for CRUD operation.

Environment Python Flask, Angular

Project Name Sensaphonics

Description Full-stack project for ordering custom in-ear monitors for professional musicians.

Environment Python Flask (HTML5, CSS3), PostgreSQL

Project Name Mountains, Trees, Chainsaws

Description A rock, paper, scissors of epic proportions

Environment HTML5, CSS3, JavaScript

Project Name Weather App

Description A simple weather application with search functionality connected to Open Weather Map via Rest API

Environment JavaScript, HTML5, Bootstrap 4

work experience

Owner & President, Unlimited Reotch, Inc.

2016–Present

- Digital content producer for B2B clients and various Unlimited Reotch productions
- Developed, recorded, produced, edited, and published podcasts (e.g., Dork Therapy)
- Independent sales representative for Sensaphonics in-ear monitors and hearing technologies

Software Developer, Coding Temple

2019–2020

Part of team involved in developing, designing and testing interactive and responsive websites for clients using the front-end and back-end applications.

- Developed new feature requests, fixed bugs, performed trouble shooting and problem solving
- Utilized CSS to make the application responsive Designed and developed the UI of the website using HTML, AJAX, CSS and JavaScript
- Designed Wireframes for all the pages in e-commerce applications, and used HTML and CSS to create the content and design of websites
- Worked in SQL database on simple queries and writing Stored Procedures for normalization and re-normalization
- Analyzing data using NumPy and Pandas
- Teaching assistant and tutor for eight students for Python/Flask and CSS3

Production Manager & Business Development Contractor, Sonata Learning, Inc.

2016–2017

- Video production for Shirley Ryan AbilityLab, Aurora Doors, and World Bank e-learning
- Developed SCORM-compliant e-learning module content for 10 clients
- Wrote and edited proposals for 8 RFPs including 2 winners and a 3rd as the alternate finalist
- Managed IT resources for temporary and full-time staff
- QA testing for 5 content clients and two software projects
- Sourced, auditioned, and managed outside voice-over talent

Technical Editor & Online Training Contractor, Kaufman Hall

2014–2016

- Advised and shot 5 “talking heads” videos for a new initiative of an SVP of Marketing
- Produced livestreamed presentations for 2 years for the company’s marquee event, Healthcare Leadership Conference
- Edited and wrote single-source technical documentation for 10 software products
- Managed online educational training via third-party resources (Adobe Connect, GoToTraining) and hosted over 35 online training sessions in a year
- Trained over 20 consultants in best practices for online training presentations

education

Elmhurst University

Bachelor of Science, Music Business

interests & community

- Music & Performance – member of symphonic, concert, and rock/electronic bands; toured nationally, performed internationally
- Photography & Video
- Computers, Science & Technology – restoring old, antiquated computers to working, functioning machines; building PCs; Raspberry Pi; hydroponic & aquaponic systems
- Conservation & Ecology – Shedd Aquarium volunteer since 2009; includes WordPress site development for educators