

Tim Stewart

Contact Info, Socials

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(based in Austin, Texas)

🌐 website/portfolio: <https://www.texasstim.dev>

🌐 LinkedIn: <https://www.linkedin.com/in/texasstimdev/>

🌐 GitHub: <https://github.com/timoteostewart/>

Technical Skills

- **Java 8+** ●●●●● I have a lot of experience writing algorithms and Web scraping tools in Java using Playwright and Selenium. The backend of my <https://www.hayfevr.ly> website is written in Java, and the current “forecast” feature I’m working on uses the very cool National Weather Service’s API: <https://www.weather.gov/documentation/services-web-api>. I’m currently studying toward Oracle’s OCP Java SE 17 certificate (1Z0-829).
- **Python** ●●●●● I’ve written web apps and automation apps in Python. My Hacker News web interface <https://www.thnr.net> uses a Python backend for static page generation and scraping. I wrote the tool https://timstewart.io/bitfield_diagram/ to help a client who had been tediously and manually creating complex bitfield diagrams using Microsoft Word tables. I wrote this tool in about 2 hours that ended up saving the company several hours per week, week after week.
- **Docker** ●●●●● I’ve dockerized Java and Python apps.
- **AWS** ●●●●● I’m currently studying for the AWS Cloud Practitioner certificate, and I’m good at picking up new technologies. I love learning, and I know that the cloud is the future!

Education

- B.S. Computer Science, Western Governors University, 2022
- B.A. English Literature, University of Texas at Austin, 1999

Portfolio

- I wrote <https://www.hayfevr.ly> in Java to scrape local allergy reading stations and summarize the results on the website. The backend does web scraping and static page generation. Raw pollen readings and daily pollen summaries are programmatically stored in a self-hosted MySQL database. I am currently in the process of refactoring the website to run as cloud-native (using AWS).
- I wrote <https://www.thnr.net>. The Python backend reads the top stories from the Hacker News API and scrapes a cover image from each linked website. For GitHub links, I scrape the list of programming languages used and display them graphically. For more info, see: <https://www.thnr.net/about/>
- I wrote Benson, <https://github.com/timoteostewart/benson>, in Python. This tool accepts a list of URLs of web pages, articles, blog posts, etc., as input and converts the textual content of the pages into individual .mp3s that you can play on your smartphone. 11 stars on GitHub!

Work Experience

BrightLeaf Group Inc. • Senior Technical Editor • July 2022–Present

- Edit highly technical 300-page ISO-compliant technology standards and microchip specifications for grammar, clarity, bias, and technical accuracy
- Edit documents that are nearing publication in Microsoft Word; maintain a master Word stylesheet (.dotx file) and re-apply to documents as needed to maintain correct and consistent styles across document library
- Edit source documents in Markdown format and submit my edits to clients' GitHub repos using the git CLI
- Restructure documents (both Word and Markdown) as needed to comply with ISO standards; e.g., correctly structure documents' Normative References (and subsequent hyperlinks to those references), Conventions, Annexes, and Bibliographies

Pearson • Senior Editor • April 2001–June 2021

- Copyedited tens of thousands of high-stakes assessment items, mostly in the subjects of math and science but also social studies, reading, writing, and alternative assessments for ESL and SPED students
- Am expert in writing, grammar, spelling, proofreading, copyediting, typography
- Am expert in MathML and QTI markup languages
- Trained dozens of new employees and conducted dozens of refresher courses for department members on the above topics and on all aspects of our editorial activities, in my capacity as senior editor
- Led staff meetings, participated in client meetings, wrote business cases for departmental initiatives, including technological initiatives such as which PDF software our department should use