Tyler Lawson

tylerjlawson2@gmail.com | (781) 424-8005 | Tyler-Lawson.com | TylerJLawson

---

Technical Skills
- Frontend: React, Typescript, Javascript, Webpack, Gulp, SCSS/CSS, and Hugo.
- Backend: Node, Express, Python, SQL, NoSQL, Java, Common Lisp, and C++.
- Other: Git, Bash/Unix, Jira, Agile, Scrum, and CI/CD

Professional Experience

Software Engineer II at Author by Humana - Boston, MA   May 2020 - Current
- I have been a core developer on the team responsible for creating authorbyhumana.com and our member dashboard, my.authorbyhumana.com, built with Typescript and React.
- Author is a new brand from Humana, designed to reinvent medicare advantage care. Read more here
- One of the two approvers on my team responsible for reviewing all merge requests.
- Developed the largest share of features on the team to ensure a successful launch on January 1st.
- Enhanced the team's jest tests with utility functions to prevent pipeline timeouts and update fixes, as I have kept each of our node packages up to date since last summer.
- Mentoring other developers on the team, with our frontend technologies and CI/CD.
- Automated environment and production deployments in Gitlab, which has saved 30 minutes of developer time per day
- Integrated our projects on Gitlab with Jira, Microsoft Teams, and Artifactory.

Software Developer at Humana - Louisville, KY   May 2019 - May 2020
- As team lead on my intern team, I helped develop a CRUD app for Humana architects to collaborate on project estimations.
- This saved the architects an average of one hour per day and reduced the chance for error when estimating.
- Our project replaced their process of building estimations through email-chained excel spreadsheets.
- With my second team at Humana, I refactored and enhanced a Vue/.Net dashboard that serves as a real-time incident report tracker.

Software Developer at 2Is inc. - Walpole, MA   May 2018 - Aug 2019
- Used Test Driven Development technique to develop an SAP Interface with Northrop Grumman. Worked overtime to complete this project at the end of the summer.
- Started my summer internship by learning Common lisp through refactoring legacy code and developing all new unit tests for the company.
- Researched and demo'd new web frameworks for the web team to adopt (CL-Mustache).

Front End Developer at Getfused - Boston, MA   May 2017 - Aug 2017
- Made sites for Boston area businesses and projects, like the Wynn Casino road construction project.
- Learned the importance of caring for CSS and reusable components before anything else in web development.
- As an intern, I was working in the same capacity as every other frontend developer at Getfused after my first month of getting up to speed.

Education

Michigan State University - East Lansing, MI   Sept 2016 - May 2020
B.S. in Computer Science & Minor in Entrepreneurship and Innovation

Eleface - Elephant Preservation Application
- Led a team of developers to develop an application to help protect and save elephants in South Africa from poachers. Read more from Evolutio here. You can also see the article from ERP (Elephants, Rhinos, & People), if you click here.
- Won the Urban Science Sigma Award for having the best Capstone experience.
- As the lone developer on the team with web experience, my responsibilities included creating a Python Flask API and a Vue dashboard for our Elephant tracking and recognition system.

- Our application supported video image processing and GPS coordinate predictions so that the rangers in South Africa can track their elephants without obstructive or expensive equipment.
- See our team page here and our project video here.

Open Source Work

- Fixed an accessibility bug for Material UI to help their Autocomplete component meet WCAG standards.
- I have made 3 Hugo themes and 7 sites using Hugo - the world's fastest framework for building websites.
- I used Nunjucks, a rich and powerful templating language for Javascript, to build my mother's small business site.

Side Projects

- I made a python script for re-naming and re-dating image files for family photos. They are now all on Google Photos for my Mom, Grandma, and myself to view at any time!
- My friend needed a way to automatically screenshot all pages of a website, so I built this python script for him to automate the process.
- I wrote a personal repository to store my favorite configurations/dotfiles here.
- I wrote a medium article/tutorial about my favorite tech stack for small static sites: click here to see the article

Hobbies

- I have a 10 month old portuguese water dog named Gus, so he and I have fun walking while I am taking a break from work. You can see a picture of him here (pro tip: there is a different picture shown as the background for the mobile sized breakpoint).
- Growing up, I was unable to ever experience fresh bakery goods due to the potential cross contamination with nuts. After trying fresh baked bread from a friend's dutch oven in the winter of 2019, bread baking and pizza making has become a new hobby and passion for me.
- I have skied since I was 3 years old. It's nice when the east coast weather graces us with snow on top of the perpetual ice.