Tyler Lawson

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

Education

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

Boston College High School - Boston, MA   **Sept 2012 - May 2016**

Experience

Software Engineer II at Author by Humana - Boston, MA   **May 2020 - Current**

- Joined in May and helped launch two enterprise websites for the start of the 2021 plan year
- Our websites use React and Gatsby with Typescript with a shared React components library
- Help maintain a ASP.NET/C# API for consuming member insurance information
- Helped mentor teammates with our frontend technologies and have been responsible for a significant share of interteam communications (design, testing, business)

Software Development Intern at Humana - Louisville, KY   **May 2020 - Aug 2019**

- Developed Python Flask API for a project management dashboard
- Worked with Azure pipelines and GCP app engine to facilitate CI/CD
- Worked on a second project, which was a dashboard that used Vue and .NET Core

Software Development Intern at 2Is inc. - Walpole, MA   **May 2018 - August 2019**

- Used Test Driven Development technique to develop an SAP Interface with Northrop Grumman
- Wrote back-end code using Common Lisp
- Refactored legacy code and created new unit tests in Common Lisp

Front End Development Intern at Getfused - Boston, MA   **May 2017 - Aug 2017**

- Built sites for Wynn Casino and other small local businesses
- Took mockups from photoshop files and translated the designs into responsive CSS/HTML

Projects

- I was team lead and full stack web developer on my capstone project which uses Machine Learning for image recognition and gps prediction of elephants
- I made a python script for re-naming and re-dating image files for family photos
- I have made many websites on my own using static site generators, like Hugo and Jekyll. I wrote a medium article/tutorial about my favorite tech stack for small static sites: https://medium.com/@tylerjlawson2/best-tech-stack-for-small-static-sites-7b6e64eff3c1

Technical Skills

- Proficient with React, Typescript, Bash/Unix, Python, and Hugo
- Good with CI/CD (Github Actions & Gitlab CI/CD), Java, Common Lisp, and C++
- Coursework in Algorithm Engineering, Database Systems, Software Design, Operating Systems, Data Structures and Algorithms, Computer Organization and architecture, Discrete Structures, and Intro to Programming I and II