Chad Wade Day, Jr.

Software Engineer

cdayjr@chadwadedayjr.info
https://www.chadwadedayjr.info/

SKILLS AND TOOLS

Architecture REST, Object-Oriented, Test-Driven Design, Continuous Integration

UI HTML5, CSS (SASS, SCSS, Stylus), Javascript (ES6+, TypeScript), LaTeX

Backend/Server Python, Node, Rust, Java, C

Data MySQL, PostgreSQL, JSON, XML, YAML, CSV

Tools Bash, Cargo, Docker, Parcel, gulp.js, npm, pip, webpack

Miscellaneous API integration, Cloud infrastructure, Linux deployment and administration, Open Source software

EXPERIENCE

- **Freelancing** — Seattle, WA
  Software Engineer — *July 2017 - Present*
    - Modernized a 10 year old real-time communications platform and established coding style guidelines and linter enforcement.
    - Created an open-source library for managing video embedding from multiple online platforms
    - Preliminary work for a ground-up rebuild of a 15+ year old resource database.
    - Consulting for a user tagging feature.
    - Built a new personal website.

- **Davis Advertising** — Worcester, MA
  Full Stack Web Developer — *July 2014 - July 2017*
    - Developed a prototype mobile app for inventory management with a cloud backend and HTML5 app front-end.
    - Developed a web application to display automotive inventory on a large touch screen.
    - Developed a system for importing an inventory database daily to display inventory on website.
    - Created a locations database build on top of Google Maps allowing adding additional information.
    - Created an analytics dashboard that combines data from Google Adwords and Google Analytics to help inform business decisions and measure monetary impact.
    - Created a REST API to serve as a single source of truth for bank rates at multiple financial institutions
    - Worked on various landing pages, email forms and texting forms for collecting user-submitted data.

- **Cyberonic Internet Communications, Inc.** — Worcester, MA
  Software Developer — *August 2012 - July 2014*
    - Maintained and developed a client front-end for managing enterprise Wi-Fi.
    - Maintained a script for monitoring network uptime via nmap.
    - Virtualized physical servers to a new centralized local system.
    - Researched the use of, wrote documentation for, and installed internet-available security cameras.

EDUCATION

- **Worcester State University** — Worcester, MA
  Bachelor of Science in Computer Science — *2014*
    - **Spring 2013 CS Tutor**: Tutor for Discrete Mathematics and Unix Systems Programming
    - **Programming Team**: Member of Worcester State University CS Programming Team 2012-2013. 4th Place in CCSCNE Programming Competition 2012