Collin Rudkin
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Education

Bachelor of Arts in Communication Arts
Fall 2009 - Spring 2013, Summa Cum Laude (4.0 GPA)
Anderson University, Anderson, IN

Technology

• Highly proficient in JavaScript and related frameworks, libraries, and platforms (React, Node, Express, jQuery, EJS, etc.)
• Highly proficient in HTML, CSS, Bootstrap, and SCSS/Sass
• Proficient with MongoDB data/database management, and familiar with SQL
• Proficient in version control via Git/Github (command line and web) and cross-browser testing
• Proficient in full-stack web app deployment, esp. Heroku
• Proficient in Photoshop and the full Adobe creative suite
• Proficient in Asana and other project management software
• Familiar with PHP, Python and C++
• Fluent in Windows, Linux and Mac OS X, including command line interfaces

Experience

12 years HTML + CSS: developing and maintaining websites in HTML + CSS.
5+ years JavaScript: front- and back-end, including work with modern frameworks/libraries.
1 year Python: writing scripts for workplace automation and logistics, plus side projects.
4 years C++: embedded systems/microcontrollers, hobbyist projects.

Professional Skills

Analytical problem solving – Proficiency in diagnosing and solving complex problems across varying disciplines, and ability to independently address novel problems with research and troubleshooting.

New skill acquisition – Consistently able to quickly acquire new skills, technologies and languages; strong, language-agnostic desire to continue learning and applying latest tools and best practices.

Communication – Experience with team-oriented environments, public presentations and public speaking; outgoing demeanor with ability to facilitate productive group synergy.

Writing – Extensive experience writing in various styles from journalistic to academic to technical. Command of language and the ability to tailor its use appropriately to specific needs, including product documentation.

Work History

Front-end Web Developer and Web Manager
October 2018 – present, Geological Society of America (GSA)
Responsible for managing, updating, and enhancing GSA's primary web properties using multiple technologies and frameworks. Created interactive API-connected front-end interfaces to fetch, display, filter, and sort scientific conference data. Overhauled user interfaces and user experiences across multiple web properties. Built and launched new scientific conference websites annually. Audited and improved information architecture.

Web Developer
January 2018 – October 2018, independent
Developed a web-based inventory management application for the brewing industry and an online wealth management advisor. From-scratch development in JavaScript (Node.js + Express) with MongoDB, including authentication. Prototyped software in Python and developed cost-analysis scripts targeting business efficiency; implemented data-harvesting web crawlers.

Startup Manager
July 2017 – April 2018, Frontier Brewing Company, Casper, WY
Scripted and implemented custom software for inventory, cost-analysis and in-house analytics. Assisted in website design. Designed and implemented logistics for production and quality control; implemented brewing operations expansion; managed purchasing and taproom supply. Designed, purchased, installed, and tuned hardware systems.

Content Manager
July 2016 – July 2017, Casper Star-Tribune and Casper Journal (Lee Enterprises), Casper, WY
Supervised web and print content publication for the Casper Star-Tribune and Casper Journal; managed and modified back-end digital resources; assisted in website overhaul rollout. Responsible for interpreting Google Analytics and reporting to staff. Maintained social media presence for Caper Journal. Managed production, including supervising reporting team.

Producer/Director/Editor
Spring 2010 – Spring 2016, Independent, Anderson, IN, and Casper, WY
Creative force behind researching, directing, shooting, and editing a variety of digital video and film productions of various lengths and types for primarily corporate clients. For all projects, managed production budget, logistics, timeline, and all data from production through delivery.

Accomplishments
• Developed and launched multiple API-connected web apps to replace static, hand-coded assets for GSA.
• Implemented dynamic, user-specific content customization on previously static interfaces on GSA properties, allowing enhanced monetization of members-only assets.
• Automated internal processes at GSA to save hundreds of hours of work annually.

- As brewery startup manager, wrote custom software to help achieve 60 percent production growth within first 6 months while reducing costs by 20 percent.
- Graduated *summa cum laude* and received Honors in Communication Arts, an award commending excellence as a student leader in the department.
- *Personal interest/humanitarian:* Bicycled from Virginia to Wyoming as a fundraiser for Horizon International in the summer of 2011; fundraised for AIDS/hunger relief over 45 days and 2,600 miles.