Thomas **Strong**

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in trstrong ○ ThomasStrong

❯ Summary

As a proven problem-solver my years of experience processing documents for publication, building spreadsheet calculators, and navigating software for scientific instruments (Scanning Electron Microscope, X-Ray Diffraction, SelFrag Lab, etc.), has shown me that coding is the ultimate tool of creation. I look forward to enriching my development skills while devising solutions for complex applications and architectures.

❯ Skills

Languages: JavaScript, HTML5, CSS3, C#, Typescript, YAML, C++, Java

Technologies: Node.js, ReactJS, RESTful API, .NET, ExpressJS, MongoDB, Postman, Webpack, Maven, OpenShift, Jenkins, Angular, JFrog, DevOps

Other: Git, ArcGIS, Visual Basic, Jade 9, Minitab, NSS Spectral Imaging, Agile, Scrum

❯ Education

Code Louisville
Web Development II 2022
Web Development I 2022
Software Development I 2022

Metropolitan State University of Denver
B.S. Applied Geology (Cum Laude)

❯ Volunteering

Code Louisville · Mentor Kentuckiana — Jan. 2022 to Current

Mentor students in a local coding boot-camp.

❯ Employment

United Parcel Service - UPS
Software Developer — Lousiville, KY — Nov. 2022 to Current, Nov. 2022 to Current

- Integral to the migration of application microservices from OpenShift 3.11 to OpenShift 4
- Provide support for programming, applications, and business functions within planned durations to meet established deadlines.
- Contribute to the identification and reporting of defects in work products.
- Documentation of requirements, defect and test data, problem resolution, etc.
- Team collaboration to ensure effective communications and to support the achievement of objectives.

The Stave Restaurant & Bar
Server/Bartender/Supervisor — Frankfort, KY — Oct. 2018 to Mar. 2020

- Consistently provided outstanding customer service through creative solutions leading to retention of repeat customers.
- Experience and excellent communication facilitated the maintenance of multiple roles as necessary for continued service.

United States Geological Survey (USGS)
Physical Scientist I — Denver, Colorado — Jan. 2014 to Aug. 2018

- Created and maintained an extensive database (1,000+) of sample throughput that followed the internal life of samples and required collaboration between multiple agents.
- Established pre-analysis checks of samples through X-ray diffraction and X-ray fluorescence.
- Developed and published Standard Operating Procedures (SOP) for sample processing, which involved extensive testing of known and unknown methods. https://pubs.er.usgs.gov/publication/ofr20161022
- Constructed SOP for new equipment and provided concurrent development, as with high-voltage pulse power fragmentation (SelFrag Lab) for samples.
- Successfully captured and provided identification of samples via Scanning Electron Microscope and reflected and transmitted-light microscopes.

❯ Projects

FindMeABeer
June 2022 to July 2022

Single Page App - https://thomasstrong.github.io/beer-finder/

- Built via React boilerplate and State Hook.
- fetch() method for API request, parse in JSON.
- Full user search form with multiple input factors.

Monolith Lapidary
Feb. 2022 to Mar. 2022

Product Landing Site - https://thomasstrong.github.io/Monolith_Lapidary/

- Employed ES6 solely to generate a product landing page.
- Utilized Flexbox and Grid to create a responsive site.
- Constructed with mobile-first programming.