

T.J. Cole

Software Engineer

Harrisburg, PA | 717-512-6254 | tjc6254@gmail.com | GitHub: <https://github.com/TJCole03> | <https://www.linkedin.com/in/tj-cole/>

I am a software engineer with a background and passion for environmental, economic, and social sustainability. My aim as a software engineer is to help provide creative and technical solutions to world problems. I like creating practical programs and applications used by researchers and farmers who understand the need for stewardship and sustainable practices.

SKILLS

- Programming Languages: HTML, CSS, Javascript, React
- Frameworks: Express, Node.js, Vite
- Databases: MongoDB
- Tools: VS Code, zsh terminal, Postman, Excalidraw, Trello, DigitalOcean DNS,

WORK EXPERIENCE

Software Engineering Immersive | General Assembly | Remote | March '23 – Sept. '23

Successfully completed 500+ hours of expert led instruction in Software Engineering Immersive and hands on learning of software engineering fundamentals and the industry's most in demand technologies. Developed projects, including:

- Solitaire Built with vanilla JS: [TJCole03/unit-1-project](https://github.com/TJCole03/unit-1-project) | <https://tjcole03.github.io/unit-1-project/>
- Backend for API: Built with Javascript <https://github.com/TJCole03/Tomatoes>
- Project Name: Built with X–Description <https://github.com/TJCole03/mern-cafe> | <https://animaldrums.tjcole.me/>
- Project Name: Built with X–Description <https://github.com/GundogCodes/project4AmazonVite>
[Deployed Link]

Environmental Services | Londonderry Village | Palmyra, PA | June '22 – Present

- Hired on with experience to help maintain and restore slightly neglected campus at retirement community, which improved the everyday lives of our seniors who value neat and clean landscaping
- Maintain lawns and edges with zero-turn mowers and Stihl lawn/bush care tools
- Planned out daily and weekly tasks through WorxHub
- Diagnose and treat insect infestations and fungal infections on ornamental landscaping plants resulting in preserving plant health, improving landscape aesthetics, and increasing plant life

Produce/Floral Associate | Giant Martin's | Lititz, PA | Nov. '20 – June '22

- Planned daily tasks for cutting, storing, and packing cut fruit, and planning and organizing the salad bar which customers and staff greatly enjoyed
- Accomplished over \$2000 cut fruit sales per week which lead to an increase in production
- Saved store money by diagnosing and treating stressed out plants and flowers in floral department

Drum Teacher | Melody Place Studios/Independent | Harrisburg, PA/ Remote | June '19 – June '21

- Instructed music reading, technique, counting, sight-reading, listening, and groove/fill construction
- Taught students how to read music and think creatively, which enriches one's life in a multitude of ways

EDUCATION & CERTIFICATIONS

General Assembly | Software Engineering Immersive | Remote

Messiah University | B.A.: Sustainability Studies w/ concentration in Sustainable Agriculture | Mechanicsburg, PA