

# Toby Pepper Crocker

## Contact

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[GitHub](#)

[LinkedIn](#)

## EXPERIENCE

### Flatwater Group (DoI Contractor - Indian Affairs) Golden, CO

Software Developer

July 2019 - October 2020

- Public Trust Clearance
- Maintained and supported Tribal installations, data updates, & software upgrades (Oracle, ArcGIS, .NET)
- Troubleshoot firewall rules and permissions, managed active directory
- Responsible for ensuring our application maintained federal security compliance with the Office of Information Management and Technology
- Monitored risk and performance metrics for the Office of Management and Budget

### Woot Math, Boulder, CO

Single Page Web App Developer Intern

May 2019 - June 2019

- RESTful API design for the backend using Node.js
- Custom Vue.js component design for the frontend
- Used Docker to set up a containerized development environment
- Used loggers & unit tests for the DB, the API, and the containers to reduce the pain of debugging
- Configured VS Code so that changes to the codebase can be instantaneously visible on localhost

## EDUCATION

### Bachelor of Science (B.S.) - 2019

Computer Science, Colorado School of Mines

### Master of Science (M.S.) - 2022

Computer Science, Colorado School of Mines

## STACK

- C++/C#/Java (OOP/TDD)
- Mongo/Express/Vue/Node/TypeScript/Docker (Agile/Scrum)
- Python, Git, bash
- SQL, PHP, Postgres
- HTML/CSS
- HTTP/TCP/IP/DNS/DHCP
- Wireshark
- AES/DES

## ENTREPRENEURSHIP

Mind Flower, LLC (Owner)

Music and art promoter

Rhythmystical, LLC (Owner)

Guided meditation and

astrological counseling

## Coding Projects

[CPU Scheduling Simulator](#)

[Bayes Network](#)