# Ada Mandala

## Consultant Software Engineer

## Contact

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## Professional Summary

Passionate software developer with a strong interest in systems-level programming and 4 years of experience. I hope to continue working with low-level languages. Frequently praised as diligent and insightful by peers, I can be relied upon to help your company achieve its goals. I hope to use my interest in theoretical foundations and my practical insight to fulfill the Software Engineer role at your company.

## Relevant Skills

Rust    C(++)    HTTP(S)/TLS    Linux SysAdmin    Python    WASM    Git CLI

## Experience

### 💼 Software Engineer
Valorem Reply | Jun 2022 - Present

- Worked with Disney to bring ESPN+ to the PS5.
- Designed and implemented business critical systems for commerce and analytics.
- Developed automation and process improvement, hosting the team scripts repository
- Lead department training exercise within 5 months of employment.

### 💼 Front-End Web Developer
Roll20 | Oct 2019 - Aug 2021

- Brought static design documents to life for the Roll20 Virtual Desktop.
- Integrated interactive user experiences for the original game Burn Bryte.
- Designed and developed local dev environment tool Mimic.

### 💼 Client Delivery and Maintenence Specialist
PriceSpider | Mar 2019 - Oct 2019

- Starting as a maintenence specialist, I negotiated with management to build and lead the first team of front-end engineers at the Kansas City location.

### 💼 Freelance Developer
Freelance | Jun 2018 - Jun 2022

- Designed, developed, and integrated full-stack solutions to meet client needs
- Worked with clients on various platforms and in various industries including web, mobile, and desktop applications.

## Projects

### ⚙ Sundile
Personal | Apr 2019 - Apr 2022

- Designed and developed a game engine capable of real-time editing, rendering 3D graphics, and running on web and desktop with WASM and WGPU.

## Education

### 🎓 Mathematics and Philosophy, BA, Honors
University of Kansas | 2017

| Relevant Courses | Awards and Honors |
| --- | --- |
| Theory of Computation | Paretsky Award for Creativity |
| Graph Theory | Morse Scholarship for Excellence in Philosophy |