

# KEVIN MORRIS – SOFTWARE ENGINEER

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## PROFILE

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As a life-long enthusiast of computing systems, I have gained knowledge of the majority of aspects of computers. From hardware to the highest levels of software, I have gained particular expertise in architecture, processing and memory, including how they are leveraged by higher-level engines to orchestrate a working application. More recently, my focus has been targeted on website backends with an emphasis on decoupled, independent and tested implementations which remain in a reliable working state indefinitely.

## SKILLS

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- Fluent with Python, C/C++, and Javascript languages.
- Know-how to implement generic, cross-platform implementations, no matter the topic.
- Fluent in Python and its web frameworks such as Flask, Django, FastAPI. My strengths lie in backend design and implementations.
- Proficient at multi-tasking; can solve multiple problems at once while keeping them independent of each other, and encouraging flexible and robust implementations.
- Able to stand in the shoes of the user. User experience and backend stability are my foremost important aspects of any application.
- Fundamental understanding of computer architecture and how programming languages are able to produce a particular end-result.
- Adaptability: it is of utmost importance to work within the framework of existing implementations and become adept with them.

## EXPERIENCE

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### Valheim Mod Development (Open Source)

Sep 2023 – Current

- HoldMySpear – <https://github.com/kevr/HoldMySpear>
- BossPowerGuard – <https://github.com/kevr/BossPowerGuard>
- StayInYourBiome – <https://github.com/kevr/StayInYourBiome>
- GetYourOwnPortal – <https://github.com/kevr/GetYourOwnPortal>

### Freelance Website Development

Mar 2021 – Nov 2022

- Wordpress: Pacific Collision – <https://pcollision.com>

### Freelance / Open Source Website Development (Python, PHP)

Mar 2021 – Jan 2023

- Python: Arch User Repository (AUR) – <https://aur.archlinux.org>

### Scale – Software Engineer (C++)

Mar 2019 – Oct 2019

- Improved data collection of various cluster node statistics and debugged resource leaks.

### Stratodesk – Software Developer (C++, Python)

Feb 2017 – Oct 2018

- Designed and implemented SSO credential delivery across VDI connections for healthcare integrations with Imprivata (RFID, fingerprint, session management). Improved endpoint node communication speed through the utilization of websockets. Implemented complete replication for distributed node management servers.

## EDUCATION

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### **MIT Open Courseware**

< 2013

- 6.0001 – Introduction to Computer Science and Programming in Python
- 6.006 – Introduction to Algorithms
- 6.851 – Advanced Data Structures

### **City College of San Francisco**

2013 – 2015

- President of official school Coder's Club in 2011.