

KEVIN MORRIS – SOFTWARE ENGINEER

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PROFILE

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. This includes firmware, languages, drivers, infrastructure (server protocols and applications), V4+V6 network communication, REST principles and how clients interface with them, testing methodologies and frameworks, and many others. Proven ability to comprehend consumer needs and desires to design and implement solutions for their satisfaction.

SKILLS

- Know-how to implement generic, cross-platform implementations, no matter the topic.
- Fluent in Python, C/C++, Javascript and template/markup languages like Jinja2, HTML and CSS. 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. This allows me to easily pick up new languages and/or methods when needed.

EXPERIENCE

Freelance / Open Source Website Development

Nov 2021 – Current

- Pacific Collision – <https://pcollision.com>
- Arch User Repository (AUR) – <https://aur.archlinux.org>

Scale – Software Engineer

Feb 2019 – Jan 2020

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

Stratodesk – Software Developer

Mar 2016 – Dec 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

MIT Open Courseware

< 2010

- 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

2010 – 2012

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