



Steven vanZyl

Full-Stack Developer

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Skills

Languages

JavaScript, C/C++, Ruby,
Python, D, Elixir, Swift,
Rust, Go, Java, Lisp, HTML

Tools

Bash, Vim, Emacs, Xcode,
CMake, Perforce, Git,
Terraform, Jira, SSH

Platforms

Unreal Engine, Linux,
MacOS, Docker, Kubernetes,
GitHub, AWS, Oracle Cloud

Soft Skills

Adaptability, Fast Learner,
Non-Fiction Writing, Public
Speaking, Penmanship

Projects

trash-d

Drop in replacement for the rm command that uses the system trash

SwissArmyBot

The latest in a long lineage of multipurpose Discord bots

plug_cgi

Common Gateway Interface support for Elixir's Plug web framework

Summary

I am a Full-Stack Software Developer with experience in Web, Mobile, and Game development. An avid learner and a quick worker, I have a passion for technologies both new and old and love putting them to use! I am also a strong advocate of Free and Open Source Software.

Experience

Demiurge Studios

Jun. 2021 — May 2023

Associate Engineer

- Helped to start a new realtime-multiplayer game in Unreal Engine 4 using both Blueprint and C++ (unreleased)
- Worked with an external partner to develop new features for mobile and desktop on a live-service game with millions of daily players using their proprietary C++ engine
- Collaborated with Artists and Designers to implement new features and realize paper designs in game

Treehouse Internet Group

Jan. 2020 — Aug. 2020

Software Development Intern

- Contributed to multiple cross-platform mobile apps
- Pitched, developed, and deployed a cross-platform desktop app as the sole developer in three months using Go and QT
- Assisted in feature development and maintenance of several websites written in JavaScript and PHP
- This was a multi-year seasonal internship (15 months total)

Discovery Museum

Jun. — Aug. 2015 — 2017

Summer Camp Counselor

- Aided K-8 students in learning about a variety of STEM topics
- Performed tech-support for museum staff

Education

Rensselaer Polytechnic Institute

Fall 2017 — Spring 2021

Bachelor of Science in Computer Science & Information Technology and Web Science

- Student leader of the Rensselaer Center for Open Source
- Recipient of the Rensselaer Medal Scholarship
- Received personal commendation from the head of the Computer Science department