

Cameron Hofbauer

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Education

BACHELORS IN COMPUTER SCIENCE | AUG. 2020 – DEC. 2023 | PURDUE UNIVERSITY

- GPA: 3.35
- Relevant Coursework: Object Oriented Programming, C Programming, Computer Architecture, Data Structures and Algorithms, Systems Programming, Linear Algebra, Operating Systems, Software Engineering, Cryptography, Computer Security, Information Systems, Cloud Computing, Artificial Intelligence

Skills & Abilities

LANGUAGES

- Proficient: Java, C/C++, Bash
- Comfortable: SQL (MySQL, SQLite), HTML, CSS, LaTeX, Lua, PHP

DEVELOPER TOOLS

- Workflow: Git, JetBrains IDE, Vim/Neovim
- Cloud Services: AWS, Azure, GCP

Projects

CONTROLLED CHAOS | CO-CREATOR

- Orchestrated the deployment of a captivating Rogue-like video game, providing players with an immersive experience through conquering a variety of enemy types and navigating dynamically generated levels.
- Skillfully integrated Google's GSON library, enabling seamless preservation of in-game advancements and enduring unlocks in a streamlined JSON format, enhancing user engagement and persistence.

PERSONAL WEBSITE | CREATOR/MAINTAINER

- Continuously designing, developing, and launching a dynamic personal website using PHP, HTML, and CSS, highlighting comprehensive proficiency in both front-end and back-end web technologies.
- Employing nginx as the web server to enhance performance and security, effectively optimizing the website's functionality. Successfully managing the entire hosting process on a Raspberry Pi 3 within a Linux environment, highlighting adept skills in configuring and overseeing server environments.

Experience

LOGISTICS SYSTEMS INTERN | OMNI – DIVISION OF STEEL DYNAMICS | MAY 2023 – AUG. 2023

- Analyzed past quarter's transportation records, identifying cost-saving opportunities that resulted in reduced expenses.
- Spearheaded the installation of GPS trackers on roll-off boxes and trailers, streamlining tracking efficiency and improving logistics oversight.

ASSEMBLER | RURAL KING | JUN. 2021 – AUG. 2021, MAY 2022 – AUG. 2022

PACKAGE HANDLER | FEDEX | JUN. 2020 – AUG. 2020