Patrick McCarty

Your Location | patricksantos1234567@gmail.com | 0541 999 99 99 | yourwebsite.com

linkedin.com/in/patrick-mccarty-076882267 | github.com/psmccarty

Welcome to RenderCV!

RenderCV is a LaTeX-based CV/resume version-control and maintenance app. It allows you to create a high-quality CV or resume as a PDF file from a YAML file, with **Markdown syntax support** and **complete control over the LaTeX code**.

The boilerplate content was inspired by Gayle McDowell.

Quick Guide

- Each section title is arbitrary and each section contains a list of entries.
- There are 7 unique entry types: *BulletEntry*, *TextEntry*, *EducationEntry*, *ExperienceEntry*, *NormalEntry*, *PublicationEntry*, and *OneLineEntry*.
- Select a section title, pick an entry type, and start writing your section!
- Here, you can find a comprehensive user guide for RenderCV.

Education

University of Wisconsin-Madison, BS in Computer Science — Sept 2021 – Dec 2023
- **GPA:** 4.0 (a link to somewhere)
- **Related Coursework:** Operating Systems, Computer Networks, Algorithms and Data Structures, Database Management Systems

Madison Area Technical College, AA in Economics and Pre-Business — Sept 2019 – May 2021
- **GPA:** 3.8 (a link to somewhere)

Experience

Backend Software Engineer, Fetch – Madison, WI — Jan 2024 – Current
- Reduced time to render user buddy lists by 75% by implementing a prediction algorithm
- Integrated iChat with Spotlight Search by creating a tool to extract metadata from saved chat transcripts and provide metadata to a system-wide search database
- Redesigned chat file format and implemented backward compatibility for search

Backend Software Engineering Intern, Fetch – Madison, WI — May 2023 – Aug 2023
- Implemented a feature using the **AWS SDK**, enabling users to receive one-time security codes through phone calls in addition to the existing SMS. This new feature allows users with phones that cannot receive SMS messages to also sign up for the app.
- Enhanced the customer support dashboard by integrating informative icons into the UI and replacing the use of deprecated backend routes with modern ones.
- Identified and fixed a potential security concern stemming from how emails where being stored across multiple databases.

Certifications

- AWS Certified Cloud Developer

Projects

Multi-User Drawing Tool — github.com/name/repo
- Developed an electronic classroom where multiple users can simultaneously view and draw on a "chalkboard" with each person's edits synchronized

- Tools Used: C++, MFC

Synchronized Desktop Calendar   github.com/name/repo

- Developed a desktop calendar with globally shared and synchronized calendars, allowing users to schedule meetings with other users
- Tools Used: C#, .NET, SQL, XML

Custom Operating System   2002

- Built a UNIX-style OS with a scheduler, file system, text editor, and calculator
- Tools Used: C

Skills

Programming Languages: Go, Python, Java, C, SQL

Technologies: Git, Bash, AWS, Docker, RESTful APIs