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Welcome to RenderCV!

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

The boilerplate content is taken from here, where a *clean and tidy CV* pattern is proposed by **Gayle Laakmann 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

BS **University of Pennsylvania**, Computer Science — Sept 2000 – May 2005

- GPA: 3.9/4.0 (Transcript)
- **Coursework:** Computer Architecture, Artificial Intelligence, Comparison of Learning Algorithms, Computational Theory

Experience

Apple, Software Engineer — Cupertino, CA
June 2005 – Aug 2007
2 years 2 months

- Reduced time to render the user's buddy list by 75% by implementing a prediction algorithm
- Implemented iChat integration with OS X 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

Microsoft, Lead Student Ambassador — Redmond, WA
Sept 2003 – Apr 2005
1 year 7 months

- Promoted to Lead Student Ambassador in the Fall of 2004, supervised 10-15 Student Ambassadors
- Created and taught a computer science course, CSE 099: Software Design and Development

University of Pennsylvania, Head Teaching Assistant — Philadelphia, PA
Oct 2001 – May 2003
1 year 7 months

- Implemented a user interface for the VS open file switcher (ctrl-tab) and extended it to tool windows
- Created a service to provide gradient across VS and VS add-ins, optimized its performance via caching
- Programmer Productivity Research Center (Summers 2001, 2002)
- Built an app to compute the similarity of all methods in a code base, reducing the time from $\mathcal{O}(n^2)$ to $\mathcal{O}(n \log n)$
- Created a test case generation tool that creates random XML docs from XML Schema

Microsoft, Software Engineer, Intern

Redmond, WA
June 2003 – Aug 2003
2 months

- Automated the extraction and processing of large datasets from legacy systems using SQL and Perl scripts

Publications

Magneto-Thermal Thin Shell Approximation for 3D Finite Element Analysis of No-Insulation Coils

Jan 2004

Albert Smith, ***John Doe***, Jane Derry, Harry Tom, Frodo Baggins

10.1109/TASC.2023.3340648

Projects

Multi-User Drawing Tool

github.com/name/repo

- Developed an electronic classroom where multiple users can view and simultaneously draw on a "chalkboard" with each person's edits synchronized
- Tools Used: C++, MFC

Synchronized 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

Operating System

2002

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

Additional Experience and Awards

Instructor (2003-2005): Taught 2 full-credit computer science courses

Third Prize, Senior Design Project: Awarded 3rd prize for a synchronized calendar project out of 100 entries

Technologies

Languages: C++, C, Java, Objective-C, C#, SQL, JavaScript

Software: .NET, Microsoft SQL Server, XCode, Interface Builder