Sailendra Ghale

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# Profile Summary !

[RenderCV](https://rendercv.com/) 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](https://github.com/dnl-blkv/mcdowell-cv).

# Education

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

* GPA: 3.9/4.0 ([a link to somewhere](https://example.com/))
* **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

# Experience

**Software Engineer**, Apple – Cupertino, CA June 2005 – Aug 2007

* 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

**Software Engineer Intern**, Microsoft – Redmond, WA June 2003 – Aug 2003

* Designed a UI 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, optimizing its performance via caching
* Built an app to compute the similarity of all methods in a codebase, reducing the time from *O*(*n*2) to *O*(*n* log *n*)
* Created a test case generation tool that creates random XML docs from XML Schema
* Automated the extraction and processing of large datasets from legacy systems using SQL and Perl scripts

# Publications

**3D Finite Element Analysis of No-Insulation Coils** Jan 2004 Frodo Baggins, ***John Doe***, Samwise Gamgee

[10.1109/TASC.2023.3340648](https://doi.org/10.1109/TASC.2023.3340648)

# Projects

**Multi-User Drawing Tool** [github.com/name/repo](https://github.com/sinaatalay/rendercv)

* 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](https://github.com/sinaatalay/rendercv)

* 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

# Technologies

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

**Technologies:** .NET, Microsoft SQL Server, XCode, Interface Builder