Agnes Leblanc

📍 Your Location ✉ youremail@yourdomain.com 📞 0541 999 99 99 in yourusername ⌗ yourusername

Education

University of Pennsylvania   *Sept 2000 – May 2005*
BS in Computer Science
- GPA: 3.9/4.0 (a link to somewhere ↗)
- **Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Experience

Software Engineer   *Cupertino, CA*
Apple   *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   *Redmond, WA*
Microsoft   *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 $\mathcal{O}(n^2)$ to $\mathcal{O}(n \log n)$
- 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 ↗

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

Technologies

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

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