

Publications

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

Jan. 2004

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

Projects

Multi-User Drawing Tool

Jan. 2004

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

Synchronized Calendar

2003 to 2004

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

Operating System

Jan. 2002

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

Additional Experience And Awards

Instructor (2003 - 2005): Taught two full-credit Computer Science courses.

Third Prize, Senior Design Projects: Awarded 3rd prize for a synchronized calendar project out of 100 projects.

Technologies

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

Software: Visual Studio, Microsoft SQL Server, Eclipse, XCode, Interface Builder

