

John Pfeifer

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EDUCATION

South Dakota State University, Brookings, SD

2021-2025

BA, Computer Science, GPA: 3.930

Relevant course work: Databases, Data Structures, Operating Systems, Assembly, Digital Logic

- Triple Minor in Mathematics, Software Engineering, & Music
- Dean's List
- ACM Club Member
- MTNA Collegiate Chapter Member

PROFESSIONAL EXPERIENCE

Teaching Assistant, Brookings, SD

2024

South Dakota State University

- Explained Unity 2D concepts to a computer science class of 25 students
- Mentored students individually during weekly office hours

Hay Baling Business, Owatonna, MN

2017-Present

Pfeifer Farms

- Managed end-to-end operations of a seasonal hay baling business since 2017
- Advertised to relevant customers, reaching over 2,000 potential buyers

SKILLS

Certifications: AZ-900 Azure Fundamentals, MS900 Microsoft 365 Certified

Programming Languages: C/C++, C#, Python, JavaScript, SystemVerilog, Assembly

Computer Software/Framework: GitHub, Microsoft Office, Unity, Visual Studio

Databases: Firestore, PostgreSQL, Azure Hosted SQL

PROJECTS

EECS Exit Interview System

2024-2025

- Redesigned SDSU's outdated exit interview system with a team of 4 developers
- Developed a maintainable full-stack application using PostgreSQL, Express, React, and Node.js
- Engineered reusable components for project scalability and consistency

KAGs Coffee and Bagel shop

2025

- Built a customer-facing mobile app to improve engagement
- Implemented secure authentication and backend services using Flutter, Dart, and Firestore
- Configured custom firebase authentication rules to enforce role-based access