Benjamin Schreiber
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Education

Washington State University, Computer Science Pullman, WA   **Graduating: May 2026**

Skills

Frameworks: .NET, Entity Framework, Django, Vue / Svelte / React

University Coursework: Systems Programming, Algorithm Design & Analysis, Graph Theory

Languages: C / C++, Golang, C#, Python, JS / TS, Dart, SQL Server, PostgreSQL

Accolades

WSU Triangle Chapter Founder and President Internal	**2023**
1st Place, FBLA Washington State Conference (Website Design, UX Design)	**2022**
3rd Place, FBLA National Conference (Coding & Programming)	**2021**
1st Place, FBLA Washington State Conference (Coding & Programming, Network Design)	**2021**

Professional Work Experience

Software Engineer Associate IntelliTect (Full Time)	**5/2024 - 8/2024**
Software Engineer Intern at IntelliTect (Full Time)	**6/2023 - 10/2023**
Software Engineer Intern at IntelliTect (Part Time)	**9/2022 - 6/2023**
Software Engineer Intern at IntelliTect (Full Time)	**6/2022 - 9/2022**

Notable Work

1ON1 Piano (IntelliTect, Virtual Piano Lessons LLC)
- Recreated a mobile app to stream piano lessons through MIDI connections from piano to piano.
- Fixed old versions WebRTC layer latency, video quality, and call dropping issues.
- Implemented a "File Sharing Library" with Azure Blob storage.
- Along with development, tasked with onboarding new developers, leading weekly internal standups, and presenting at standup with external clients.

Audience Interactive Systems (IntelliTect, Spokane Symphony)
- Created a dynamic real time word cloud for thousands of concurrent users.
- Created a concurrent voting system to sync end devices in real time utilizing Redis concurrent queues.
- Invented an algorithm which uses a combination of box fitting and dynamic programming to size words proportional to their occurrences in constant time.

WSU Picol Database (IntelliTect, Washington State University CAHNRS College)
- Recreated a decade old SQL database via reverse scaffolding.
- Updated old .NET implementation riddled with antipatterns and deprecated techniques to the modern version.
- Completely reimagined front end to resemble a modern search engine.