

Jun Ho Yoon

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EDUCATION

Amherst College, Amherst, MA

May 2024

- Bachelor of Arts in Computer Science and Mathematics
- GPA: 3.68/4.00

WORK EXPERIENCE

Provable Learning LLC, Suwanee, GA

Full-Stack Web Developer

June 2025 – July 2026

- Built and operated a tutoring business while developing its booking, scheduling, and payments platform with **Next.js, React, TypeScript, PostgreSQL, Stripe, and Google APIs**
- Worked directly with students and families to identify problems around enrollment, scheduling, payments, and communication, then translated those needs into product requirements and software features
- Designed backend workflows with stored procedures, transactional constraints, secure authorization, third-party integrations, and **336 automated tests**

PROJECTS

VocabHelp.com — .NET 8, React 19, TypeScript, SQL Server, Redis, Docker

- Built and deployed a full-stack vocabulary-learning application with a **C# / ASP.NET Core 8 REST API** and **React/TypeScript SPA**, backed by **558 automated tests**
- Implemented **FSRS-5 spaced repetition** as modular domain logic using **SOLID principles, dependency injection, and Entity Framework Core**
- Engineered **Gemini-powered learning features** with Redis caching, rate limiting, idempotency keys, and circuit breakers
- Built **JWT authentication**, rotating refresh tokens, and **Google OAuth 2.0**; deployed through **GitHub Actions CI/CD** and Docker to Linux behind nginx/TLS

Excerptle.io — JavaScript, Cloudflare Workers, D1, Python, Stripe, WebRTC

- Built and shipped a literary guessing game with authentication, subscriptions, leaderboards, sharing, and real-time multiplayer
- Built a Python data pipeline evaluating **2,300+ public-domain works** to produce a quality-gated **720-book corpus**

SKILLS

- **Languages:** C#, TypeScript, JavaScript, Python, SQL, HTML, CSS
- **Frameworks & Data:** ASP.NET Core, .NET 8, Entity Framework Core, React, Next.js, REST APIs, SQL Server, PostgreSQL, Redis
- **DevOps & Testing:** Git, Docker, Linux, GitHub Actions, CI/CD, xUnit, Vitest, Playwright
- **Engineering & Security:** dependency injection, SOLID, object-oriented design, unit/integration/E2E testing, JWT, OAuth 2.0, RBAC, Stripe, webhooks