

Justin Chen

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Education

Rensselaer Polytechnic Institute

Troy, NY, USA

Dual major Bachelor of Science in Computer Science & Business Analytics

August 2022 - May 2026

GPA: 3.6 / 4.0

Certifications

AWS Cloud Practitioner | [Credential Link](#)

Issued May 2024 · Expires May 2027

IBM Quantum | [Credential Link](#)

Issued June 2024

Projects & Activities

Huanted Crescendo – IronMouse Game Jam 2024 – *Hackathon Win* 🏆

August 2024 – September 2024

A horror game made with UE5, taken place in an abandoned opera house. Submission to the IronMouse Game Jam 2024 on itch.io.

- Composed and produced soundtracks through FL Studio – Placed 1st in sounds category.
- Managed version control and package synchronization using Git LFS and Github.

Banana Tower – Petal Splash Studios

June 2024 – June 2024

A tower defense game made during the Monke Jam 2024 game jam. Event lasted for 3 days.

- Programmed and designed core tower defense mechanics using Unity and C#.
- Created procedurally generated tile maps using random-walk algorithms and wave collapse functions.
- Fine-tuned enemy pathing AI using A* search algorithm.

Tanuki Treats - Flatlined Studio

May 2024 - Present

An Asian snack-box subscription service that delivers weekly/monthly.

- Developed and designed a snack subscription website with user authentication, recurring payments, and a protected, dedicated admin panel using Next.js, NextAuth, Stripe, and MongoDB.

Microsoft Soundscape - Rensselaer Center for Open-Source

September 2023 – December 2023

An app that provides auditory travel guides for the visually impaired.

- Launched a web platform for creating and uploading auditory guides for real-world locations to Microsoft Azure using OpenStreetMap, Django, and PostgreSQL.
- Wrote a web APIs to facilitate seamless integration of the authoring tool with vender third-party systems.

Experience

DeFacto Global · Troy, NY – Product Marketing Manager

July 2024 – Present

- Led the initiative to rearchitect, rewrite, and redesign the company's legacy WordPress website to a Next.js and Strapi CMS solution hosted on Azure, enabling the capabilities of modern web technologies and data analytics.
- Assisted in the launch of deFacto Table Editor, a powerful Power BI extension that enables data writeback.

Upwork Freelance · Remote – *Web Developer*

April 2024 – July 2023

- Built & branded over 5 websites using various web platforms including Square Space, Wix, WordPress, etc.

Mayan Mobile Marketing · Plainfield, NJ - *Web Developer*

May 2023 – August 2023

- Built 12 full-stack web platforms and closed \$10k+ marketing contracts using Wix.
- Optimized metadata and SEO, leading to an average 230% average increase in site traffic across all sites.

Technical Skills

Languages: Python, Java, C++, C, C#, MIPS, Verilog, Lua, SQL, TypeScript, JavaScript, HTML/CSS

Frameworks: React, Flutter/Dart, Junit, Next.js, Node.js, Tailwind CSS, Django, Unity, Unreal Engine, NextAuth, Flask

Interests: Chinese, Japanese, Music Production and Performance, 3D Modeling, Cooking, Digital Design