

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: 3.59 / 4.0

Relevant Coursework: Operating Systems, Principles of Software, Managerial Finance, Operations Management, Computer Info Systems

Certifications

AWS Cloud Practitioner | [Credential Link](#)

Issued May 2024 · Expires May 2027

IBM Quantum | [Credential Link](#)

Issued June 2024 · Expires May 2027

Projects & Activities

LifeScape - Rensselaer Center for Open-Source

June 2024 - Present

An Expo/React Native app that records, rewards, and gamifies daily life activities.

- Styled and designed app components and pages.
- Provided onboarding documentation and progress tracking.

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.

May Flower - Flatlined Studio

May 2023 – September 2023

An open-world RPG game inspired by series like Zelda and Dark Souls.

- Finished a working demo, featuring gameplay, music, and custom sprites and animations, using Pygame, FL Studio, and Pixel Studio.

Experience

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

Developer Tools: Git, VS Code, Eclipse, Jupyter Notebook, NPM

Languages: Python, C++, C, Lua, Java, SQL (Postgres, MongoDB, SQLite), TypeScript, JavaScript, HTML/CSS

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

Personal: Chinese, Japanese, Music Composition, Jazz Performance, 3D Modeling, Cooking