

Justin Chen

NJ, USA | jchen4086@gmail.com | (908) 992-1818 | Portfolio: <https://www.flatlined.gg/>

Education

Rensselaer Polytechnic Institute

Troy, NY, USA

Bachelor of Science in Computer Science, Dual major in Business Analytics

August 2022 - May 2026

GPA: 3.72 / 4.0

Projects & Activities

Flatlined | *Next.js, React, Tailwind CSS, Typescript*

- Developed a personalized portfolio page to showcase past and current projects, technical competencies, and accomplishments.
- Designed and implemented a scalable, custom blog page.

Quest List | *Next.js, React, MongoDB, Prisma, Tailwind CSS, Typescript*

August 2023 – Present

- Established a comprehensive web application facilitating swift access to contract opportunities for freelancers and commissioners. Integrated secured login, image management, and data retrieval via NextAuth, Cloudinary, and MongoDB.
- Spearheaded a small team, ensuring consistent progress and achievement of project milestones.

Microsoft Soundscape | *Azure, OpenStreetMap, Django, React, PostgreSQL*

September 2023 – December 2023

- Engineered a web platform for creating auditory guides for real-world locations. Employed OpenStreetMap, Django, and PostgreSQL to enable users to create, edit, and store tours on Microsoft Azure.
- Constructed a robust backend API facilitating seamless integration of the authoring tool with third-party systems.

May Flower | *Python, Pygame, Pixel Studio*

May 2023 – September 2023

- Developed an open-world RPG indie game inspired by the Souls series, featuring custom sprites and animations created from scratch using Pygame and Pixel Studio.
- Delivered a compelling demo showcasing the core concept and gameplay mechanics.

Experience

Mayan Mobile Marketing - *Contract Web Developer & Marketer*

May 2023 – August 2023

- Created 12 full-stack web platforms for diverse brands and entities using Wix. Collaborated with clients to ensure smooth project development and timely delivery.
- Utilized SEO & SEM to generate over 1 million collective website visits and achieved a 200% average increase in sales and business. Produced branded media & promotional graphics using Adobe Photoshop & GIMP.
- Leveraged web analytics to provide actionable insights and identify growth opportunities for clients. Automated SMS messaging and email campaigns to nurture customer relationships and foster organic growth.

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