

# Justin Chen

+1 (908) 992-1818 | [justin.flatlined@gmail.com](mailto:justin.flatlined@gmail.com) | [flatlined.gg/](https://flatlined.gg/) | [linkedin.com/in/justin-flatlined/](https://linkedin.com/in/justin-flatlined/)

## Education

---

### Rensselaer Polytechnic Institute

Troy, NY, USA

Bachelor of Science in Computer Science

August 2022 - May 2026

Bachelor of Science in 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

---

### Mango Maps – HackRPI XI 2024 – *Hackathon Win* 🏆

November 2024

Ultra-Realistic, Data-Driven Disaster Simulation Playground to Limit Test Your Urban Cities.

- ❖ Category win for *Best Data Science Hack*.
- ❖ Utilized Mapbox, Google Maps API, and external data sources to aggregate and visualize large amounts of map data.
- ❖ Cached API responses to reduce usage and page load speeds.

### Haunted 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 1<sup>st</sup> 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 Monkey 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.

### 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 SquareSpace, 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