



Christopher Chun

Full-Stack Developer

Reliable systems, smooth interfaces, and properly seasoned tacos.

4michaelangelo5@gmail.com

github.com/4michael1Angelo5

Portfolio: chrischun.dev

Location: Tacoma, WA

EXPERIENCE

Magic Cypher, Tacoma, WA - Full-Stack Web Developer

August 2024- Present

- Built a full-stack encryption web app with Next.js and TypeScript, using a custom magic square algorithm to encrypt text and images.
- Developed a secure Next.js API backend with Prisma and PostgreSQL for server-side encryption and user authentication.
- Implemented WebGL animations for real-time encryption visualization

<https://magic-cypher-app.vercel.app/>

FREELANCE EXPERIENCE

Voices, Tacoma, WA - Web Developer

February 2024 - August 2024

- Designed a website for historian Sue Lee's book, *Voices From the Railroad*, amplifying Chinese American stories through accessible digital storytelling.
- Enhanced UX with scroll-driven animations for immersive engagement.
- Developed data visualizations of Chinese railroad worker ancestry, increasing user engagement.

Paul Sparks Construction, Tacoma, WA - Web Developer

June 2022 - January 2024

- Launched online presence for a small business owner - grew demand for services
- Managed content media, layout, and design - increased conversion rate.
- Added a contact button—slashed bid response time by 24 hours, expanding business revenue.

Cedarcreek Forestry, Tacoma, WA - Web Developer

January 2019 - January 2020

- Designed a headless WordPress CMS with React front end, decreasing page load times by 0.8 seconds - improved UX
- Simplified checkout flow using Stripe API and GraphQL - streamlining the payment process.

SKILLS

Languages: JavaScript, TypeScript, Java, HTML, CSS

Libraries & Frameworks

React, Next.js, Bootstrap, D3.js, Junit, Framer Motion

Tools and Technologies

AI, git, Postman, Vercel, WebGL, GraphQL, WordPress, WooCommerce

EDUCATION

University of Washington

expected 2027

BS - Computer Science

NuCamp Coding Boot Camp

2019

Full-stack Web Development

PROJECTS

Magic Cypher (CLI)

Developed a cipher algorithm with magic squares for simple message encryption using Java

Tetris Game

Built a Tetris Game in Java using Swing with MVC architecture

MATLAB

Algorithm to produce Magic Cubes of any order.
Data Visualization of integer distribution across cells.