

# Max Tan *Software Engineer*

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📍 New York City

## Summary

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Detail-oriented software engineer with a strong background in the Ruby ecosystem. Deployed a FAQ webapp for an academic library. Passionate about learning new tools and languages to solve real-world problems. Practiced law for over 5 years as a litigator.

## Software Development Experience

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2021 – Present **Columbia Law Library FAQ**, <https://guides.law.columbia.edu/services/FAQ>

- Developed and deployed a web app for finding frequently asked questions. Built with Sinatra and retrieves the latest set of FAQs from a Google Sheet document via its API. Collaborated with the Arthur W. Diamond Law Library of Columbia Law School on a pro bono basis.

**Stock Portfolio Tracker**, <https://stock-portfolio.fly.dev/>

- Built a dashboard for managing and monitoring transacted stocks and funds with Rails and PostgreSQL. Streams market prices in real-time with a RESTful API. Authored a technical case study on design decisions and challenges.

**Software Engineer**, *Self-Employed*

- Developed applications using Ruby, PostgreSQL, HTML/CSS, and more.
  - *Adopt-A-Pet*: A database-backed app for displaying and maintaining a paginated list of adopted pets and their humans.
  - *File Manager*: A content management system with user authentication.

## Legal Experience

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2019 – 2023 **Deputy Public Prosecutor / State Counsel**, *Attorney-General's Chambers*

- Argued criminal trials and appellate hearings in all levels of the Singapore courts. Exercised prosecutorial discretion by making charging decisions. Oversaw and reviewed police investigations.

2018 – 2019 **Legal Associate**, *Hoh Law Corporation*

- Represented commercial clients in civil disputes, negotiated settlements in personal and industrial accidents, facilitated divorce mediations.

## Education & Certifications

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2022 – 2023 **Software Engineering**, *Launch School*

2018 **Singapore Bar**, *Advocate and Solicitor of the Supreme Court of Singapore*

2013 – 2017 **Bachelor of Laws (LL.B.)**, *National University of Singapore*

## Languages & Technologies

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Technologies Ruby, PostgreSQL, RESTful APIs, HTML/CSS, JavaScript, Git/GitHub, Linux

Languages Native / bilingual proficiency in English and Chinese (Mandarin)