Mark Cui Pan

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EDUCATION

UW-MADISON
BS in Molecular Biology
May 2015 | Madison, WI
Cert. in Chinese Professional Comm.
Dean's List (four semesters)

WAUSAU WEST
High School Diploma
May 2011 | Wausau, WI
Valedictorian
National AP Scholar

LINKS

GitHub:// **factcondenser**
LinkedIn:// **markcuipan**
Twitter:// **markcuipan**

COURSEWORK

SELF-STUDY
Russ Olsen's Design Patterns in Ruby
Paulo Perrotta's Metaprogramming Ruby
Sandi Metz's Practical OO Design in Ruby

UNDERGRADUATE
Data Structures and Algorithms
Computer Engineering
Artificial Intelligence

SKILLS

PROGRAMMING
Most comfortable with:
Ruby • Rails • JavaScript
React • Vue • RSpec • Jest
Cypress • CSS3 • Git • SQL
Working knowledge of:
Golang • Python • Java
Kafka • GraphQL • Node
AWS • Docker • Bash
Have dabbled in:
Elixir • Rust • Android • LaTeX

LANGUAGES
Fluent
English • Cantonese
Competent:
Mandarin • Spanish

EXPERIENCE

SPLITWISE | Software Engineer
Oct 2022 – Present | New York, NY
- I'm a proud member of the server team.

META | Software Engineer
Aug 2021 – Oct 2022 | Menlo Park, CA

- I created value for millions of businesses and their customers by improving the **Shops** experience.

DOXIMITY | Software Engineer
Aug 2019 – Aug 2021 | Austin, TX

- I improved an algorithm for reaggregating notifications, which decreased that endpoint's memory allocations by over 90%.
- I optimized a daily-run archive job by making use of batching, caching, and a compound index, which reduced the job's execution time by 98%.

WISCONSIN ENERGY INSTITUTE | Software Engineer
Feb 2018 – Jul 2019 | Madison, WI
- I wrote rake tasks to import mission-critical Excel data for reporting to the U.S. Department of Energy, the institute's primary funding source.

COMMUNITY INVOLVEMENT

CODE2COLLEGE | Co-Instructor
I co-lead a biweekly Python and JavaScript course for high-schoolers in Austin.

DEV TOGETHER | Mentor
I mentored new developers at pair programming events around Madison.

MAD-RAILERS | Presenter
I gave a technical talk on **metaprogramming** and a non-technical one on **job-hunting**.