

# Mark Cui Pan

<https://markcuipan.com>  
markpan@live.com | 715.432.2672

## EDUCATION

### UW-MADISON

#### BS IN MOLECULAR BIOLOGY

May 2015 | Madison, WI  
Cert. in Chinese Professional Comm.  
Dean's List (All four years)

### WAUSAU WEST

#### HIGH SCHOOL DIPLOMA

May 2011 | Wausau, WI  
Valedictorian  
Outstanding English Student

## LINKS

Github:// [factcondenser](#)  
LinkedIn:// [markcuipan](#)

## COURSEWORK

### SELF-STUDY

HarvardX Intro to Computer Science  
Michael Hartl's Ruby on Rails Tutorial  
Udacity's Developing Android Apps  
Andrew Ng's Machine Learning

### UNDERGRADUATE

Data Structures and Algorithms  
Computer Engineering  
Artificial Intelligence

## SKILLS

### PROGRAMMING

Proficient with:

JavaScript • React  
HTML • CSS • SQL  
Rails • Java • Git

Familiar with:

C • Python • Shell

Have dabbled in:

Julia • Android •  $\text{\LaTeX}$

### LANGUAGES

Fluent

English • Cantonese

Competent:

Mandarin • Spanish

## EXPERIENCE

### BAOZI TUTORS | Co-FOUNDER

Oct 2017 – Present | Hong Kong

- I built this web-based tutor-matching platform with my co-founder using Ruby on Rails and a test-driven, iterative workflow.
- We're currently in the process of making the app PWA-compliant to expand our user base.

### KEYSTONE/FREELANCE | EDUCATION CONSULTANT AND INSTRUCTOR

Oct 2015 – Sep 2017 | Hong Kong

- I taught ACT Math, SSAT/SAT Quantitative, SAT Math Subjects, SAT Biology/EM Subject, AP/IB Biology, and MYP Math to local and international students ranging in age from 8 to 18.
- In any given month, I was accountable to anywhere from 10 to 20 individual clients, with whom I communicated regularly via email, over the phone, and in person.

### AHA@UW-MADISON | TREASURER

Jan 2014 – Aug 2015 | Madison, WI

- I drafted the group's budget and secured over \$69,000 in funding.
- I analyzed accounting data from prior years to increase the group's operational efficiency by 11%, saving nearly \$8,000 over the course of one fiscal year.

## RESEARCH

### UW-MADISON DEPT. OF PSYCH. | UNDERGRADUATE RESEARCHER

Jan 2014 – Aug 2014 | Madison, WI

Assisted **Stacey Kigar** and **Prof. Tony Auger** with data collection and analysis to study epigenetic mechanisms using the central nervous system of *Rattus* spp. as a model. Wrote a Python script to perform calculations and expedite the process of cDNA synthesis.

## AWARDS & ACCOMPLISHMENTS

2014	Top Third	CS540 Intra-Class Nannon Bot Tournament
2011	National	National AP Scholar
2011	State	Wisconsin Academic Excellence Award
2011	2 <sup>nd</sup> /50	Wisconsin Science Olympiad Tournament
2011	State	DAR Good Citizens Award & Scholarship

## REFERENCES

**Westley Bonack** | Software Engineer, **Getty Images**

[westley.bonack@gmail.com](mailto:westley.bonack@gmail.com) | 414.502.7709

**Bos Smith** | Senior Vice President, **Seabury TFX**

[bsmith@seaburytfx.com](mailto:bsmith@seaburytfx.com) | +852.5200.5076