

# Mark Cui Pan

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## EDUCATION

### UW-MADISON

#### BS IN MOLECULAR BIOLOGY

May 2015 | Madison, WI  
Cert. in Chinese Professional Comm.  
College of Letters and Sciences  
Dean's List (Four Semesters)  
Cum. GPA: 3.42 / 4.0

### WAUSAU WEST

HIGH SCHOOL DIPLOMA  
May 2011 | Wausau, WI

## LINKS

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

## COURSEWORK

### SELF-STUDY

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

### UNDERGRADUATE

Data Structures and Algorithms  
Computer Engineering  
Artificial Intelligence

## SKILLS

### PROGRAMMING

Most familiar with:

Java • C • Python

Somewhat familiar with:

Rails • CSS • HTML

JavaScript • SQL

Have dabbled in:

Julia • Android •  $\LaTeX$

### LANGUAGES

Fluent

English • Cantonese

Competent:

Mandarin • Spanish

## EXPERIENCE

### FREELANCE | BIOLOGY AND MATHS INSTRUCTOR

Jun 2016 – Sep 2017 | Hong Kong & China

- I taught biology and math to local and international students ranging in age from 8 to 18.
- I used web and mobile technology to track my students' progress and improve their outcomes.
- In any given month, I was accountable to anywhere from 10 to 20 individual clients.

### KEYSTONE | EDUCATION CONSULTANT AND INSTRUCTOR

Oct 2015 – May 2016 | Wong Chuk Hang, Hong Kong

- I taught ACT Math, SSAT/SAT Quantitative, SAT Math Subjects, SAT Biology/EM Subject, AP/IB Biology, and MYP Math.
- I wrote diagnostic exams to identify gaps in student understanding and designed a math curriculum to address student needs, focusing in particular on translation of word problems into math symbols.
- I communicated regularly with clients via email, over the phone, and in person to address concerns, answer questions, and offer advice.

### 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

## AVAILABILITY

Immediate

## REFERENCES

**Westley Bonack** • Software Engineer at Getty Images  
[westley.bonack@gmail.com](mailto:westley.bonack@gmail.com) | 414.502.7709