

Resume – Pei-yuan Tang

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EDUCATION

The Ohio State University

Bachelor of Science in Computer Science and Engineering (Honor)

Bachelor of Science in Theoretical Mathematics (Honor)

Columbus, OH

August 2014 - May 2018

Overall GPA: 3.92 (4.00 scale)

LEADERSHIP

OSU - Office of Student Life

Peer Tutor/Peer Mentor

Columbus, Ohio

February 2016 - Present

- Assist students in solving homework problems
- Help first year students engage into college environment

OSU Undergraduate Student Government

Events Coordinator and Researcher

Columbus, Ohio

September 2014 - May 2016

- Investigated on and developed solutions for campus violence
- Organized weekly department meetings and guest events
- Researched campus dining services and gave suggestions on food quality

PROFESSIONAL EXPERIENCE

DHL – Supply Chain

Solution Design Intern

Westerville, Ohio

November 2016 - May 2017

- Programmed (VBA) the carton optimization and order-picking tools
- Developed optimization algorithms and crafted research papers

Bank of America

Global Technology Intern

Addison, Texas

June 2017 - August 2017

- Worked 40 hours/week in developing SVRR website for 10 weeks
- Ranked the top in High Impact Low Technology challenge
- Implemented connections between server- and client-side web application

RESEARCH AND PROJECTS

- Word Cloud Generator
Crafted a JAVA application generating the visual presentation of word tags from input text file by mapping the importance of words with the font size and color
July 2016 - July 2016
- Semantics Processing Project
Researching on semantics processing (quantifier scoping) algorithms
Testing on accuracy using Wikipedia passages
December 2017 - Current
- Data Visualization Project (I-Ching)
Working on text-mining and data-visualization for I-Ching (D3)
Revealing structural patterns and ancient philosophy inside I-Ching
March 2018 - Current

RELEVANT SKILLS

- **Programming:** JAVA, HTML, ASP.NET/C#, C/C++, Python, MATLAB, Rails/Ruby, JavaScript, PHP
- **Math:** PDE/ODE, Linear/Abstract Algebra, Calculus, Probability, Real Analysis, Discrete Math
- **Other:** SYSAT, SAS, MS: (Word, PowerPoint, Excel/VBA, Access), SQL, Accounting, Finance (FM)
- **Language:** Chinese (Mandarin, 3 dialects), English, Spanish (Beginner)

HONORS AND ACTIVITIES

- Dean's list - 9 terms
- Phi Sigma Pi, Beta Iota Chapter
- FM Exam (SOA: passed)
- OSU Poem Club and Rope Jumping Team
- Summa Cum Laude (both degrees)
- Gordon Memorial Scholarship
- OSU Photography Club and Swimming Club
- Zero Waste Volunteering/Buckeye Volunteering
- ACM Membership/ICPC Competitions
- Honor Research distinctions (for both degrees)