Resume – Pei-yuan Tang

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EDUCATION

The Ohio State University   Columbus, OH
Bachelor of Science in Computer Science and Engineering (Honor)   August 2014 - Present
Bachelor of Science in Theoretical Mathematics (Honor)   Overall GPA: 3.92 (4.00 scale)

LEADERSHIP

OSU - Office of Student Life   Columbus, Ohio
Peer Tutor/Peer Mentor   February 2016 - Present
- Assist students in solving homework problems
- Help first year students engage into college environment

OSU Undergraduate Student Government   Columbus, Ohio
Events Coordinator and Researcher   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   Westerville, Ohio
Solution Design Intern   November 2016 - May 2017
- Programmed (VBA) the carton optimization and order-picking tools
- Developed optimization algorithms and crafted research papers

Bank of America   Addison, Texas
Global Technology Intern   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   July 2016 - July 2016
  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
- Semantics Processing Project   December 2017 - Current
  Researching on semantics processing (quantifier scoping) algorithms
  Testing on accuracy using Wikipedia passages
- Data Visualization Project (I-Ching)   March 2018 - Current
  Working on text-mining and data-visualization for I-Ching (D3)
  Revealing structural patterns and ancient philosophy inside I-Ching

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)