

# Resume – Pei-yuan Tang

**Address:** 1210 Chambers Rd. Apt. 308C Columbus, OH 43212. **Homepage:** Xiangzhoujushi.github.io

**Email:** tang.794@osu.edu. **Phone:** 6145313253. **LinkedIn:** linkedin.com/in/peiyuan-tang-313204a6

## EDUCATION

### The Ohio State University

*Bachelor of Science in Computer Science and Engineering (Honor)*

*Bachelor of Science in Theoretical Mathematics (Honor)*

Columbus, Ohio

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 - December 2016

- 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

*Software Engineer Intern (full stack)*

Addison, Texas

June 2017 - August 2017

- Developed the SVRR Cloud Application using .NET framework and JS
- Ranked the top in High Impact Low Technology challenge
- Implemented data Communication between front end and back end

## RESEARCH AND PROJECTS

- **Road Trip helper (IOS APP)** Jan 2018 - May 2018  
Developed a (voice control) road-trip app which integrates conversation, navigation, restaurant recommendation, weather report, language translation, and news report services.
- **Semantics Processing Research** December 2017 - Current  
Researching on the semantics processing (quantifier scoping) algorithm  
Testing's algorithm's accuracy using Wikipedia passages
- **Data Visualization Research (I-Ching)** March 2018 - Current  
Implementing text-mining and data-visualization on texts and hexagrams  
Revealing structural patterns and ancient philosophy

## RELEVANT SKILLS

- **Programming:** JAVA, HTML, ASP.NET/C#, C/C++, Python, swift, Rails/Ruby, JavaScript, PHP
- **Math:** PDE/ODE, Linear/Abstract Algebra, Calculus, Probability, Real Analysis, Discrete Math
- **Other:** SYSAT, SAS, MATLAB, SQL, Accounting, Finance, Excel (VBA), SolidWorks
- **Language:** Chinese (Mandarin), 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