

Yue Huang (Alex)

(818) 268-2058 | <http://www.yuehuang.tk> | alex.huang@wustl.edu | 816 Eastgate Ave. 3N, St. Louis, MO 63130

SUMMARY

Motivated, hard-working Computer Science & Math candidate with data analysis and software development experiences. Actively seeking a summer internship in software engineering and data analysis. Confident with problem-solving and teamwork. Willing to travel and relocate.

EDUCATION

Washington University in St. Louis

St. Louis, MO

- Bachelor of Science in Computer Science, Second Major in Math
- GPA: 3.98/4.0; Dean's list for Spring and Fall 2019

August 2018 – May 2022

TECHNICAL SKILLS

Programming Languages

- Java, C/C++, HTML/CSS, Python, MATLAB, R, SQL, LaTeX, Tableau, Objective C, Excel.

Relevant Coursework

- Introduction to Computer Science/Introduction to Computer Engineering (Java & C), Data Structures and Algorithms, Mobile Application Development (Swift), Object-Oriented Software Development (C++), Introduction to Machine Learning (MATLAB), Introduction to AI (Python);
- Honors Mathematics (Calculus, Linear Algebra), Probability & Statistics for Engineering.

Recent Projects

- *Movie Search App*: An iOS App enabling movie search in TMDb Database and trailer display;
- *Gomoku*: A C++ console App that supports human-to-human and to-computer Gomoku Games;
- *Website*: My personal website, created with HTML/CSS, showcasing experiences and contact info.

PROFESSIONAL EXPERIENCES

Balto Software Inc.

St. Louis, MO

Data Analyst Intern

June 2019 – August 2019

- Optimized *Balto's* customer success email system, creating new templates for customer emails;
- Helped designing a new interface for the *Balto* Application, improving user experience;
- Analyzed past sales data on Salesforce and *TopOpps*, generating suggestions on future market targeting, leading to a significant increase (10%+) on lead generation;
- Split and transcribed recent customer sales recordings to debug *Balto's* voice recognition system, achieving increased recognition sensitivity.

Worldhoists Inc.

Tianjin, China

Software Development Intern

July 2020 – October 2020

- Programmed Java apps that supplemented the company's Product Lifecycle Management system;
- Managed data with online databases (SQL) & property lists, enabling users to search for relevant information via an interactive dashboard, and exporting data via an Excel form;
- Composed detailed, illustrated user manuals; communicated with the development team.

Washington University in St. Louis

St. Louis, MO

Teaching Assistant

August 2019 – Present

- Graded homework and answered student questions on *Piazza*;
- Organized weekly office hours for courses *Data Structures & Algorithms*; *Intro to Machine Learning*.

Washington University in St. Louis

St. Louis, MO

Engineering Tutor

August 2019 – Present

- Explained key concepts for courses *Intro to Computer Science*; *Object-Oriented Software Development*;
- Introduced students to Java Debugger, which facilitated independent problem-solving.

LEADERSHIP ROLES

Washington University China Forum

St. Louis, MO

Director of Programming

August 2020 – Present

United Schools Model United Nations Conference

Beijing, China

Vice President, Secretariat member

September 2015 – February 2018