

Yue Huang (Alex)

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

SUMMARY

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

EDUCATION

Washington University in St. Louis

St. Louis, MO

- GPA: 3.98/4.0; Dean's list for Spring and Fall 2019 August 2018 – Present
- Candidate for Bachelor of Science in Computer Science, Second Major in Math, May 2022

Beijing No.161 High School

Beijing, China

- GPA: 3.98/4.0 September 2015 – June 2018

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;
- *Pacman*: A Python App that recreates Pacman game and utilizes search algorithms to optimize path.

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, ameliorating user experience;
- Analyzed past sales data on Salesforce and *TopOpps*, generating suggestions on future market targeting, leading to significant increase (10%+) on lead generation;
- Split and transcribed recent customer sales recordings to debug Balto's voice recognition system, resulting in increased recognition sensitivity.

Worldhoists Inc.

Tianjin, China

Software Development Intern

July 2020 – September 2020

- Programmed Java apps that supplemented the company's Product Lifecycle Management system;
- Work includes managing data with online databases (SQL) & property lists, enabling users to search for relevant information via an interaction system, and exporting data via an Excel form.

Washington University in St. Louis

St. Louis, MO

Teaching Assistant

August 2019 – Present

- Graded homework and answered student questions on Piazza;
- Answered student questions for courses *Data Structures and Algorithms*; *Intro to Machine Learning*.

Washington University in St. Louis

St. Louis, MO

Engineering Tutor

August 2019 – Present

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

LEADERSHIP ROLES

Eureka Club

Beijing, China

Founder and President

September 2015 – May 2018

United Schools Model United Nations Conference

Beijing, China

Vice President, Secretariat member

September 2015 – February 2018