

BOBBY CHEN

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EDUCATION AND TRAINING

2020

Bachelor of Science: Computer Science. Mathematics

Washington University in St Louis — St Louis, MO, United States

GPA: 4.0. Selected coursework: Analysis of Algorithms, Data Structures and Algorithm (Java), Object-oriented software development laboratory (C++), Rapid Prototype Development and Creative Programming, Data Mining, Statistics and Data Analysis

SKILLS

Java, C/C++, JavaScript, node.js, Python, HTML & CSS, PHP, MySQL, algorithms, jQuery, JSON, AJAX, Android Studio, OpenFrameworks for VS 2017, AWS (especially ec2), debugging and testing, regex, Data mining, Windows, Cygwin Terminal, Self-learning

WORK EXPERIENCE

Teaching Assistant

Washington University in St. Louis — St. Louis, MO

08/2018 to Current

TA for Computer Science 332S, Object-oriented software development laboratory. Hold 4-hour office hours biweekly, typically debug twenty students' codes and answer their questions during each session.

PROJECTS EXPERIENCE

Happy Crusher

06/2018 to 08/2018

Simple game application built using OpenFrameworks for Visual Studio 2017. Similar rule with common cookie crusher, but instead constructing the board for two players to deal damages to the opponent. GitHub repo: <https://github.com/bobbychen1999/happyCrusher>

Story-Sharing Website

09/2018 to 10/2018

Written in PHP with a MySQL database, uses SQL queries in codes. Functions include registration, resetting passwords, viewing all posted articles, posting new articles, commenting on any article, viewing each user's personal homepage and their articles & comments, editing/deleting the user's own articles and comments. Web security practices: user can visit without logging in, if so they cannot post any article or comment. Bitbucket repo: <https://bitbucket.org/cse330/fall2018-module3-group-451980-457172/src/master/>

ACTIVITIES AND HONORS

ICPC 2018: Qualified in the qualifier, will participate in the regional contest for my university.

Dean's List: Fall 2017 and Spring 2018.

ASDAN China Math tournament 2015: Ranked top 10 national wide as a team.