BOBBY Chen

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**Education and Training**

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| **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**

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| Teaching Assistant  **08/2018 to Current** | Washington University in St. Louis － St. Louis, MO  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**

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| 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 |

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| 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, editting/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.