

Wonyoung Kim

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Personal Website : <https://wonyoung-kim.github.io/>

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| Education | San Jose State University | San Jose, CA |
| | Candidate for B.S in Computer Science | Class May 2021 |
| | <ul style="list-style-type: none">● Relevant CourseWork: Server-Side Web Programming, Data Structures and Algorithms, Object Oriented Programming, Computer Architecture, Linear Algebra, Statistics, Multivariable Calculus, Computer System, Programming Paradigms, Discrete Mathematics. | Major GPA : 3.7/4.0 |
| Skills | <ul style="list-style-type: none">● Programming Language : Java, Python, JavaScript/HTML/CSS, PHP, Perl, C/C++, Ruby, Latex.● Technical Skills :Linux, Node.js, MongoDB, MySQL, Apache, Agile, React.● Languages : Fluent in Korean and English. | |
| Projects | Canvas Full Stack | San Jose, CA |
| | <ul style="list-style-type: none">● Built real time users drawing application where Users can contribute their drawing on the webpage at the same time using Linux, Apache, MySQL,PHP, Firebase, JavaScript, Python. | 2020 April |
| | Secret Society Full Stack | San Jose, CA |
| | <ul style="list-style-type: none">● Designed and implemented secure full-stack web application that Allows users to anonymously tweet using JavaScript, HTML, CSS, Node.js, Mongo DB.● Managed database efficiently and wrote client interface using object oriented principles and ensured validations. | 2020 Jan |
| | Pathfinding Visualizer Java | San Jose, CA |
| | <ul style="list-style-type: none">● Built a shortest pathfinding visualizer and randomized maze generation.● Implemented 5 different algorithms based on A*Search and Dijkstra's algorithms. | 2019 Fall |
| | DNA Sequencer Java | San Jose, CA |
| | <ul style="list-style-type: none">● Displayed mutation's distances in different gene sequences.● Stored sequenced gene data in FastA format, and wrote classes to manage and serialize genome-level data.● Created a string difference algorithm to efficiently detect mutations between reference and possibly mutated genes.● Used Object-Oriented principles to modularize code and allow for ease of maintenance. | 2019 Summer |
| Experience | Korean Tutor | Los Angeles, CA |
| | <ul style="list-style-type: none">● Scheduled weekly one-on-one tutoring sessions.● Created customized teaching syllabus according to each student's need and level. | 2018 Winter |
| Activities & Awards | Activities : SJSU CS Club, SJSU Wrestling Club, Marathon, Swimming, Boxing. | |