

FORREST BURTON

(916) 380-9509
burton.forrest10@gmail.com
[GitHub://forrestburton](https://github.com/forrestburton)
[LinkedIn://forrest-burton](https://www.linkedin.com/in/forrest-burton)

EDUCATION

B.S. in Computer Science	University of California, Los Angeles	2019-2023
<ul style="list-style-type: none">• Cumulative GPA: 3.90• Dean's Honors List: December 2019, March 2020		
High School Diploma	Oak Ridge High School	2015-2019
<ul style="list-style-type: none">• Graduated top 1% of class• Weighted GPA: 4.40; Unweighted GPA: 3.96• 1530/1600 SAT		

RELATED COURSEWORK

- Algorithms and Data Structures, Object Oriented Software Development, Computer Architecture, Discrete Structures, Multivariable Calculus, Differential and Integral Calculus

PROJECTS (SEE MORE ON GITHUB)

Food Delivery Program	March 2020
<ul style="list-style-type: none">• Developed with Visual Studio C++ and Notepad++• Constructed an expandable hash map to organize and store thousands of GPS coordinates• Implemented a queue-based algorithm to create optimal route from point to point• Resulted in a food delivery program giving step by step GPS instructions to delivery locations	
Kontagion	Feb 2020
<ul style="list-style-type: none">• Architected with Visual Studio C++ and OpenGL Framework• Utilized object-oriented programming• Resulted in a fun arcade-style game	

LANGUAGES AND TECHNOLOGIES

- C++; Java; HTML
- Visual Studio; Linux OS; IntelliJ; VIM; Adobe Lightroom

Work/Leadership Experience

Computer Science Instructor – The Coding School	May 2020-Present
<ul style="list-style-type: none">• Teach students one-on-one computer science fundamentals• Concepts include introductory Java (object-oriented programming) and JavaScript (drawing & animation)• Structure lessons in a way to guide beginners understanding of computer science basics	
Fundraiser Leader – Rolling Hills Church	April 2019
<ul style="list-style-type: none">• Started a fundraiser for a family from Tijuana that was robbed• Raised over \$3,000 in a month	
Build Leader – Rolling Hills Church	April 2018, April 2019
<ul style="list-style-type: none">• Led the construction of multiple houses for families in need in Tijuana, Mexico• Maintained order and efficiency	
Swim Coach – EDH Taz Swim Team	July 2016-July 2018
<ul style="list-style-type: none">• Progressed swimmers in advanced and basic stroke technique• Ensured order in the pool	