

# FORREST BURTON

(916) 380-9509  
[burton.forrest10@gmail.com](mailto: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**

- Cumulative GPA: 3.90
- Dean's Honors List: December 2019, March 2020

**High School Diploma** **Oak Ridge High School** **2015-2019**

- 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**

- 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**

- 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; Excel; PowerPoint; Command Line

## Work/Leadership Experience

---

**Computer Science Instructor – The Coding School** **May 2020-Present**

- 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**

- 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**

- 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**

- Progressed swimmers in advanced and basic stroke technique
- Ensured order in the pool