Garrett **Luu**

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Education

University of California, San Diego

La Jolla, CA

BS IN COMPUTER SCIENCE

2018 - 2022

Experience _____

FIRST Robotics Competition

Orange, CA

August 2014 - June 2018

LEAD PROGRAMMER, PRESIDENT, DRIVER

- Developed control systems using Java
- Designed layout and wired control boards for robots
- Managed team activities using Agile Project Management

StayLinked Tustin, CA August 2016 - August 2016

INTERN • Designed a web-app for customizing toolbars for company's software.

• Used HTML, CSS, with jQuery and JavaScript

Skills

Programming Languages: Java, C, Python, Lua, HTML, CSS, Javascript, SQL, jQuery, Kotlin

Technologies: Git, Linux/Unix, Vim, Pytorch, PID

Projects _____

R-3

3D GRAPHER FOR THE TI-84 PLUS CE CALCULATOR github.com/garrettluu/r-cubed

Junkyard

FULLY CUSTOM 59-KEY ORTHOLINEAR KEYBOARD github.com/garrettluu/junkyard

Motion Profile Generator and Follower Java, Kotlin github.com/garrettluu/4322Utils USED TO GENERATE SPLINES FOR ROBOTS TO FOLLOW AUTONOMOUSLY

Gauss

GAUSSIAN ELIMINATION/ROW REDUCTION FOR THE TI-84 PLUS CE CALCULATOR github.com/garrettluu/gauss

HTML, CSS, Javascript, jQuery **Personal Website**

PERSONAL WEBSITE/BLOG, FUTURE HUB FOR PROJECTS garrettluu.github.io

WorkFlow Java, Kotlin, SQL

ANDROID APP FOR MANAGING TASKS

Javascript, jQuery vimDocs

ALLOWS FOR THE USE OF VIM SHORTCUTS IN GOOGLE DOCS github.com/garrettluu/vimDocs

Awards _____

March 2018	UCSD Chancellor's Scholarship, Awarded to high-achieving, low-income students	UC San Diego
July 2018	FIRST Robotics Competition SpaceX Scholarship, Awarded to FIRST alumni based on software	SpaceX
	project involvement	Эрисел
June 2018	VPHS Mathematics Medallion Recipient , Recognizes exceptional students in mathematics, one of	Villa Park HS
	four recipients	
July 2018	National AP Scholar, Recognizes students who received average scores of 4 or higher on all AP	CollegeBoard
	exams taken, and scores of 4 or higher on eight or more exams	