

James King

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Education

University of California, Los Angeles (GPA: 3.639)

(Expected) **2018 - June 2022**

- Bachelor of Science, Computer Science and Engineering

Los Angeles Pierce College (GPA: 4.000)

2016 - 2017

Grover Cleveland High School Humanities Magnet (CORE)

2014 - 2018

Relevant Coursework

Programming Fundamentals for Computer Science, Object Oriented Programming in C++, Introduction to Computer Science II, Logic Design of Digital Systems, Introduction to Computer Organization, Software Construction Laboratory

Languages: Python, C, C++, Swift, HTML, CSS, Javascript
Tools: Git, Subversion, Linux, Emacs, SQL, XCode, Firebase

Experience

Electron Losses & Fields Investigation: Software Developer | *Python, SQL*

Oct 2018 - Present

- Automated the creation of data files for a NASA-funded CubeSat mission to study space weather
- Supported scientists by formatting and organizing data on a server for further science processing

Logos News LLC: iOS Developer | *Swift, Xcode, Firebase*

Jan 2019 - March 2019

- Refined an iOS news application focused on stimulating political discussion
- Improved the user interface, with a focus on the user profile page and notification handling

Audacity: iOS Developer | *Swift, AVFoundation, XCode, Audacity*

July 2017

- iOS Application which trains reaction time by incorporating spatialized auditory cues
- Created and presented at UC Irvine California State Summer School for Mathematics & Science (COSMOS) Cluster 5, where I also studied sensors and sound spatialization

Projects & Community Involvement

Upsilon Pi Epsilon, UCLA Chapter: Entrepreneurship Chair

Apr 2019 - Present

- Organize events with recruiters and engineers at various companies

Eta Kappa Nu, Iota Gamma Chapter

Apr 2019 - Present

- Provided tutoring for the student body, focusing on computer science courses

Institute of Electrical and Electronics Engineers, UCLA

Sept 2018 - Present

- Open Project Space: Designed and programmed a maze-solving car for Micromouse competition, refined skills including breadboarding, PCB design, and programming microcontrollers
- IDEAHacks Volunteer: Contacted companies to request support for IDEAHacks

Valley Presbyterian Hospital: Volunteer

2014 - 2018

- Cared for patients, handled lab samples, equipment, food, and supplies
- Worked in Rehab, Central Supply, Dietary Office, and Escort Office