

# Norton Lui

## College Graduate

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## Work Experience

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### Los Angeles Department of Water and Power - Student Professional Worker

07.2018 – 09.2018,

07.2019 – 03.2020

- Used SQL to create ad-hoc reports used to help identify faulty electric & water meters.
- Increased usable storage space by using SQL to identify and remove thousands of duplicate database bill entries.
- Detected issues and resolved migration concerns regarding Oracle Customer Care & Billing upgrades by using Python to automatically check for new database conflicts with in-house applications.
- Developed multiple console apps in C# used to automatically populate, migrate, and export database table information into spreadsheets & emails in order to secure more consistently up-to-date and immediately available reports for end users.
- Created flexible web pages using C# and ASP.Net for reports dashboard for users to view and download custom reports that could be tuned and sorted with specific parameters.
- Converted in-house internal reports dashboard to use the more modern, compact, and standalone Oracle Managed Data Access Driver to eliminate a reliance on outdated & unnecessary files for faster and easier development in the future.

### Monarch Real Estate Services - I.T. Intern

03.2018 – 06.2018

- Created website that would bring down operational costs to under 10% of the original's.
- Compiled and edited video content to increase brand awareness and to connect clients with the brokers.

## Education

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### University of California, Irvine – B.S. in Computer Science

09.2016 – 03.2020

- GPA 3.47/4.00

### Arcadia High School

08.2012 – 06.2016

- GPA 3.84/4.00 unweighted

## Projects

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### WAL-EZ

<https://nkinlui.github.io/walez.html>

- A Python script that uses the Selenium library to automate the Walmart purchase process.

## Awards

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### Dean's Honor List

Fall 2018, 2019. Winter 2019, 2020. Spring 2017, 2018, 2019.

- Any undergraduate student is eligible for the dean's honor list if they are enrolled in at least 12 units for grades and that quarter's grade point average is 3.5 or higher.

## Skills

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Java, Python, C++, C#, SQL, Unix (Bash), Microsoft Office, Google Docs, Apache Subversion, Git, HTML, Cantonese, Mandarin Chinese, Microsoft Windows