

# RAINIER M. CARRASCO

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## EDUCATION

### DE LA SALLE UNIVERSITY

AB Economics &  
BS Legal Management  
1995-1999 | Manila

## COURSEWORK

### COURSERA

Python For Everybody

## CERTIFICATIONS & TRAINING

### REFOCUS DIGITAL ACADEMY

How To Start In Data Analytics With SQL  
& Python In 2022  
July 12, 2022 | Webinar

### ATENEO DE MANILA INFORMATION TECHNOLOGY INSTITUTE

JAVA object oriented programming  
July-Sept. 2003 | Makati

## SKILLS

### PROGRAMMING

Python | Arduino C++ \*  
SQL | JAVA \*\*

### 3D DESIGN

Sketchup \*

### PHOTO & VIDEO EDITING

Photoshop | Premiere Pro | Audition |  
Doodly \*  
Audacity | Character Animator |  
Media Encoder \*\*

### LANGUAGES

English | Filipino \*  
\* Confident / Fluent  
\*\* Familiar

## CORPORATE BACKGROUND

Complete Corporate Resume Available  
For Download At Personal Website

## EXPERIENCE

### EMBEDDED SOFTWARE ENGINEER | Freelance

2015 – Present

- Making Arduino, Rpi, 3D Drawing & print projects for Architectural & Engineering students - Thesis Project Maker

## PROJECTS

### MOBILE DEVICE CONTROLLED WHEELCHAIR | 2017

- A full-sized wheelchair that can be controlled by any mobile device via bluetooth. As an added feature, we also made the wheelchair area-sensing to prevent the wheelchair from falling off floor edges

### AUTOMATED TRASH BIN | 2017

- A trash bin that notifies the Janitorial Department if it needs servicing. The lid opens when a person, who is about to throw something, is sensed. Has smoke, fire and quantity alerts via text messaging.

### BREATHALIZER | 2016

- A medical device that measures the strength of the patient's breathing. Readings are displayed and results are sent to the patient's doctor via text message for out-of-clinic monitoring.

*\* All the above projects were awarded best thesis during their time.*

## GROUPS & COMMUNITY SERVICE

### WISAR Philippines | Volunteer

2015 | Manila

- Wilderness Search & Rescue

### TULONG DUNONG | Scholarship Program

1994-1995 | Manila

- Tutoring students from public grade / high schools

## ONLINE REFERENCES

### FACEBOOK | Page

- [www.facebook.com/codename.rainier](https://www.facebook.com/codename.rainier)

### YOUTUBE | Channel Owner

- TheProjectMakerPh | 2017  
[www.youtube.com/channel/UCp5OucpnJxcDt0t94eXyHIQ](https://www.youtube.com/channel/UCp5OucpnJxcDt0t94eXyHIQ)

### PERSONAL WEBSITE | Page

- <https://codename-rainier.github.io/website/>