

# Ignacio Ramirez-Tinoco

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## OBJECTIVE

Secure a position in Water Quality or Water Resources and Stormwater Management and Engineering that enables utilization of my skills and qualities to achieve excellence. My key goal is to design and improved water quality and water management techniques that can lead to reduced water scarcity.

## EXPERIENCE

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### *OHLA-USA / CITY OF INDUSTRY, CA*

#### **March 23' – Current | Field Engineer Intern**

Submit and modify Product Orders, Change Orders and communicate between vendors, subcontractors, and other entities. Main task included aiding my project engineer, field engineer, and senior Project Manager in handling transmittals between the agency, ACE, and other entities. Observe field operations and design issues in real time to better design and prepare as an Entry Level Engineer.

### *CAL POLY FOUNDATION / POMONA, CA*

#### **July 22' – Current | Geotechnical/Water Resources Research Student – Coordinator**

Test and document the effects of a dry-well stormwater systems on soil conditions up to 70ft. Worked with industry leader in installation of a dry well system. Further lab testing under the direction of Dr. Mehrad Kamalzare, Geotechnical Engineer.

### *CSU SAN BERNARDINO, NATIONAL SCIENCE FOUNDATION / SAN BERNARDINO, CA*

#### **Dec 18' - Jan 19' | Internship (PM)**

Designed, implemented, and managed all aspects of a two-week water quality test for microplastics in bottled water and tap source at College of the Desert. Managed a four-person team that carried out water collection, inspection, and microscopy of various water samples. Conducted scheduling for lab times, microscope checkouts and inspection. Utilized dying mechanisms for observing plastic and debris contaminates in bottled water.

#### **June – July 18' | Internship - Lead**

Working under the guidance and leadership of Renwu Zhang at CSUSB. Worked closely with other teams in the development of hydrophilic materials on gold substrates. Performed experiments and data collection for further research into electromagnetism.

## EDUCATION

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Current            **Bachelor of Science in Civil Engineering – Environmental**  
*CALIFORNIA POLYTECHNICAL UNIVERSITY, POMONA / POMONA, CA*

May 2020        **Associates of Science in Physics**  
*COLLEGE OF THE DESERT / PALM DESERT, CA*

## SKILLS

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- Programming Languages: C/C++, Arduino, Visual Basic, MATLAB
- Technical Operating Software: MicroStation, Civil3D, AutoCAD. Some experience with Revit, HEC-SSP, HEC-HMS, and Bluebeam. Some experience with EWBills and Procure web-based software.
- Common Operating Software: Microsoft Office Suite (Word, PPT, Excel) , Photoshop

## Professional References

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- Pablo Robledo, Supervisor/Management, PGA West Private Clubhouse / Waldorf Astoria  
# 760-543-5232