

# Christina Agustin, EIT

cagustin613@csu.fullerton.edu • (760) 675-5510 • 4422 Acorn Ct. Yorba Linda, CA 92886

## EDUCATION

### CALIFORNIA STATE UNIVERSITY, FULLERTON

Civil Engineering - Water Resources concentration, M.S.

Aug 2020-Dec 2022

### CALIFORNIA POLYTECHNIC STATE UNIVERSITY SAN LUIS OBISPO (CAL POLY)

Environmental Engineering, B.S.

Jun 2013

## WORK EXPERIENCE

### PUBLIC WORKS INTERN – CITY OF YORBA LINDA, ENGINEERING DIVISION

07/2021-Present

- Generate Right-of-Entry exhibits in preparation for Bastanchury Road Improvements from Casa Loma Ave to Eureka Ave Request for Proposal
- Review and assist in the issuance of transportation and encroachment permits, and request additional information as needed from the applicant to comply with City requirements
- Assist in the processing and organization of private development plans and related documents
- Research and provide City documents in the preparation of design planning and in response to incoming PRAs
- Conduct site visits as needed to verify measurements or document current conditions
- Prepare preliminary curb ramp designs to assist in the effort to meet ADA compliance requirements

### DEPARTMENT ASSISTANT - CITY OF ESCONDIDO, RECYCLING DIVISION

11/2019 – 08/2020

- Coordinated community recycling and waste reduction programs: compost workshops, lake cleanups, public presentations, HHW recycling
- Created and developed community outreach material
- Catalogued hazardous waste disposed by the department of Public Works
- Collected and separated used batteries of various city locations to ensure proper disposal

### DEPARTMENT SPECIALIST – CITY OF ESCONDIDO, ENVIRONMENTAL PROGRAMS

05/2017-11/2019

- Planned, scheduled, organized, and implemented the City's water science education program and outreach events to meet water conservation and stormwater education requirements to maintain compliance
- Recreated the water science program to introduce new topics and meet newly adopted Next Generation Science Standards (NGSS)
- Coordinated annual public outreach events
- Lead and supported on-going development of outreach materials for public distribution including revising and updating content on the division's city webpages
- Represented the environmental programs division at inter-agency meetings and public events

### WATER QUALITY MONITORING INTERN – SAN ELIJO LAGOON CONSERVANCY

12/2015 – 04/2016

- Measured weekly surface water parameters: dissolved oxygen, salinity, and temperature
- Analyzed gauge data to illustrate Escondido Creek's hydrologic changes in water depth and stream flow
- Assisted in routine maintenance, calibration, and deployment of monitoring equipment
- Managed entry of raw data onto MS Access and Excel

### PROGRAM ASSISTANT – THE ESCONDIDO CREEK CONSERVANCY

08/2015 – 03/2016

- Developed property portfolios of current land conservation projects to improve record keeping
- Designed water quality monitoring poster to present water quality data and watershed restoration
- Supported ongoing academic environmental outreach events

### STORMWATER PUBLIC WORKS INTERN – CITY OF ENCINITAS

07/2015 – 02/2016

### ENVIRONMENT EDUCATION INTERN – THE ESCONDIDO CREEK CONSERVANCY

02/2015 – 05/2015

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## COMMUNITY INVOLVEMENT

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### **Water Quality Monitor Volunteer, San Diego Coastkeeper**

**03/2015-12/2015**

- Monitored and collected surface water parameters of local creeks throughout San Diego County
- Recorded temperature, and levels of pH, conductivity, and dissolved oxygen on a monthly basis
- Adhered to strict data collection procedures, and followed chain of custody of all datasheets, water samples, and monitoring devices

### **Water Quality/GIS Volunteer, ECOLIFE Conservation**

**10/2014-08/2015**

- Conducted weekly water quality parameters of aquaponic systems to monitor the adjustment of fish species and new seedlings
- Provided Spanish translation of documents and presentations for community partners in Central Mexico.
- Researched, collected, and analyzed spatial data of Central Mexico's Monarch Butterfly Reserve to identify potential community partners based on a region's biomass and rates of deforestation

### **Field Trip Guide, Elfin Forest Recreational Reserve**

**Spring 2015, 2016, 2017**

- Facilitated school field trips for elementary students on a weekly basis to provide science-based outdoor education programs
- Provided kinetic activities to support the learning of science concepts among a diverse student group, and to help initiate an appreciation for natural resources

## SKILLS

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MS Office Suite: Word, Excel, PowerPoint, Publisher, Outlook, Sharepoint

ArcGIS

AutoCAD

Field Data Collection of Surface Water Parameters

Fluent: English/Spanish

## CERTIFICATES

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Engineer-In-Training (EIT) CA-150949