

# MICHAEL JONES

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## PROFESSIONAL EXPERIENCE

- Oct. 2021-present **Water Resource Control Engineer, Santa Ana Regional Water Quality Control Board – Municipal Stormwater**
- Conduct audits, field inspections, interviews, and reviews of stormwater sampling records, SWPPPs, and other technical documents to determine compliance with NPDES stormwater permits.
  - Prepare inspection reports, audit reports, notices of violation, and other technical documents. Work with attorneys and permittees to reach settlement negotiations.
  - Provide timely and enthusiastic customer service to permittees and members of the public. Typical activities include assisting with SMARTS and answering IGP and CGP compliance questions.
  - Lead public outreach efforts for adoption of regional MS4 permit
- Sept. 2020-Sept. 2021 **Survey and Mapping Intern, Seattle Parks and Recreation – Planning and Design**
- Conducted fieldwork to support the project management team including topographic surveys, monitoring, encroachments, levels, laser scans, construction staking, and traverses.
  - Developed topographic maps in Civil 3D, researched property history, and organized electronic files.
  - Assisted environmental team with soil sampling for Phase II ESAs.
- Summer 2016 and 2017 **Civil Engineering Intern, City of Wenatchee - Public Works**
- Worked with a team of engineers inspecting and mapping stormwater assets across the city.
  - Collected GIS data on curb ramps and sidewalks in support of an ADA compliance project.
  - Prepared a report of key findings from data analysis of over 3500 features in the field. Presented report and recommendations to the mayor, city council, and senior management.

## EDUCATION

- June 2021 **University of Washington, Department of Civil and Environmental Engineering, Seattle, WA**
- Master of Science: Environmental Engineering, Emphasis: Water Quality in Natural Systems
  - GPA – 3.79
  - Relevant Courses – Chemical Fate and Transport; Water, Wastewater, and Health; Hydrodynamics; Applied Limnology; Lake and Watershed Management; Engineering, Environment, and Justice
- Dec. 2018 **Azusa Pacific University, Department of Biology & Chemistry, Azusa, CA**
- Bachelor of Science: Chemistry, Minor: Mathematics
  - Cum. GPA – 3.63, Major GPA – 3.77, Dean’s List – All semesters, Stauffer Scholarship – Spring ‘17
  - Honorary Gate Marshal – awarded to one graduating senior chosen by faculty
  - Relevant Courses – Intro to Engineering; Public Communications; Probability & Statistics; Organic Chemistry; Quantitative Chemical Analysis

## CIVIC ENGAGEMENT

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- Nov. 2021-present **Math Tutor, Voice of Refugees**
- Provide weekly math tutoring and mentoring to a seventh-grade student at a local school
  - Practice active listening for college concerns, career options, and personal life, and then provide guidance as appropriate.
- Nov. 2014-Nov. 2018 **Mexico Outreach (Team Mefi Boset leader and member), Center for Student Action**
- Led a team of 14 students in all trip preparations (fundraising, gathering supplies, paperwork, etc.)
  - Returned four times annually to an orphanage in Mexicali, Mexico, offering maintenance work for the facility and building relationships with the children living there.

## SKILLS & ACHIEVEMENTS

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- Engineer-In-Training Certificate, 2022
- Eagle Scout, 2014
- AutoCAD, ArcGIS, SolidWorks, R, MATLAB, CE-QUAL-W2, and Microsoft Suite
- Qualified Industrial Stormwater Practitioner (QISP), 2022
- Published author in Journal of Chemical Education, 2018