Marisa Perez-Reyes
434-465-7057
marisa.e.perezreyes@gmail.com

Leveraging my background in environmental engineering, public policy, and leadership development, I aim to build a career bridging the research and application fields of water resource management.

EDUCATION

Cornell University – BS in Environmental Engineering – Ithaca, NY   May 2015
Emphasis on civil and environmental engineering field courses, case studies, and reports.   GPA: 3.27

PROFESSIONAL EXPERIENCE

christopher consultants, ltd. – Engineer II, Public Services Division – Fairfax, VA   Aug 2016-Nov 2017
christopher consultants, ltd. is a 35 year old civil engineering firm serving the Washington, D.C. metropolitan area.
- Designed, drafted, reviewed, and submitted site plans for the firm's public services division, ensuring compliance with city, county, state, and national design standards. Coordinated with clients and facilitated the planning and permitting process.
- Gained proficiency with AutoCAD Civil 3D software. Specific design experience includes on-site water treatment facilities.

National Student Leadership Forum/National Prayer Breakfast – Post-Grad Intern – Washington, D.C.   Sept 2015-May 2016
The NPB is an annual event hosted by the U.S. Congress to gather world leaders to put aside differences and discuss the value of servant leadership. The NSLF is an annual event held for college-student leaders from across the country for the same purpose.
- Received extensive training in relationships, leadership, and communication principles with business, civil, and political leaders.
- Facilitated leadership development training for emerging student leaders at the NSLF and NPB pertaining to conflict resolution, group dynamics, communication, and reconciliation techniques.

Environmental and Energy Study Institute – Policy Intern – Washington, D.C.   June-Aug 2014
EESI is an independent, bi-partisan, non-profit organization that aims to promote environmentally sustainable societies.
- Co-authored EESI's weekly digest with scientific, political, and business news of the week, condensed to critical information.
- Researched, created, and edited fact sheets for publication and distribution at EESI briefings on Capitol Hill.

U.S. Congressman Ander Crenshaw – Congressional Intern – Washington, D.C.   June-July 2013
- Observed hearings and briefings, communicated with other congressional offices, and performed assistant duties on behalf of the congressional office.

COLLEGE EXPERIENCE

Engineering for a Sustainable Society, Cornell University – Teaching Assistant – Ithaca, NY   Aug-Dec 2013
Course applies math, physics, and engineering science to energy and mass balances in environmental systems.
- Maintained office hours, communicated, and met with students to help them to understand and apply coursework and lectures.
- Provided feedback, grades, and guidance on assignments and case studies.

AguaClara – Student Researcher for the Hydraulic Ram Pump Team – Ithaca, NY   Jan-May 2013
AguaClara is an engineering firm offering the design services, training, and technical assistance to deploy gravity-powered, municipal-scale water treatment plants in communities abroad. They currently serve over 50,000 in Honduras and India.
- Experimentally determined the design requirements for the hydraulic ram pump system, a key component of AguaClara's gravity-powered water treatment plant.
- Developed those requirements into system level specifications, which were provided to a project implementation team.

Cornell University Sustainable Design – Student Researcher for Nicaraguan Model Home Project – Ithaca, NY   Aug-Dec 2012
CUSD is real-world, interdisciplinary design project. CUSD partnered with SosteNica, an affordable housing development based in Nicaragua, to design an environmentally sustainable model home for local communities.
- Designed waste management component of the sustainable home under academic and professional advisement.
- Coordinated the design and communication with cross-functional teams to ensure compatibility with other subsystems.