



OBJECTIVE

To advance my career with a leading organization that will utilize my extensive software engineering knowledge while also allowing me to develop further as a professional

PROFESSIONAL EXPERIENCE

DEPARTMENT OF PUBLIC WORKS – SAN FRANCISCO, CA, JUNE 2016 – PRESENT

SYSTEM DESIGN AND AUTOMATION ENGINEER

- Conceptualized, designed, and built user and staff friendly automation tools & websites.
- Discontinued paper-based submittals and legacy procedures by offering a better digital alternative.
- Saved hundreds of man-hours weekly by automating a myriad of procedures.

DEPARTMENT OF PUBLIC WORKS – SAN FRANCISCO, CA, JUNE 2015 – MARCH 2016

BUREAU OF STREET-USE AND MAPPING INTERNSHIP

- Reviewed site plans and maps for compliance with the various SF city codes.
- Administered lot-line adjustments, condominium applications, records of surveys, closure calculations, and street vacations
- Interfaced with clients and attorneys to ensure customer satisfaction and expectations were aligned.

UMERANI ASSOCIATES DRAFTING DEPT. – PALO ALTO, CA, JUNE 2014 – SEPTEMBER 2014

DRAFTING ENGINEERING INTERNSHIP

- Demonstrated expertise as a highly proficient user of AutoCAD and Excel.
- Modernized library of macros and utilities for efficiency using AutoLISP.

CIVIL ENGINEERING PROJECTS

CONCRETE CANOE PROJECT, SEPTEMBER 2015 - JUNE 2016

STRUCTURAL ANALYSIS LEAD

- Conceptualized and developed methods of 2D, non-finite element analysis.
- Coded Concrete Canoe Analysis Software that can analyze stresses in any three-dimensional hull.
- Held speaking and Q&A roles during the regional ASCE Midpac 2016 Competition; won 2nd place overall.

WATER TREATMENT PROJECT, SEPTEMBER 2013 - JUNE 2014

TECHNICAL WRITING AND PRESENTATION LEAD

- Authored paper for ASCE Water Treatment Competition at Midpac; paper won 1st place in its category.
- Collaborated on developing a technical presentation for Midpac Conference; won 1st place in category.

EDUCATION AND CREDENTIALS

Engineer-In-Training (E.I.T) Certified

BACHELOR OF SCIENCE (B.S.) IN CIVIL ENGINEERING, JUNE 2016

San Jose State University, San Jose California

Specialization in Structural Engineering, Total GPA: 3.47

Minor in Computer Science, Minor GPA: 3.60

PROFESSIONAL AFFILIATIONS

Chi Epsilon, National Civil Engineering Honor Society

American Society of Civil Engineering; Officer

SJSU Programming and Development Club; PM

American Concrete Institute; Active Member

TECHNICAL SKILLS

- **Frontend:** React, Redux, Bootstrap, Javascript, JQuery, and AJAX.
- **Backend:** C#, Java, ASP.NET Core, Entity Framework, Identity Framework, and SQL.
- **Civil:** AutoLISP, Autodesk AutoCAD 2016, Autodesk Revit 2016, ADAPT-Floor Pro, and SAP2000.