

EDUCATION

- ◆ University of California, Irvine
B.S. in Civil Engineering, 2008
- ◆ Chapman University, Orange, CA
B.S. in Mathematics, 2007

PROFESSIONAL LICENSES AND SOCIETIES

- ◆ Registered Civil Engineer, California, 77714
- ◆ Member, American Society of Civil Engineers
- ◆ Member, Floodplain Management Association
- ◆ Member, Chi Epsilon - Civil Engineering Honor Society

EXPERIENCE

- 01/11-Present **MBK Engineers, Sacramento, CA**
Civil Engineer
- 07/08-12/10 **Assistant Engineer**
Prepare plans and specifications for levee rehabilitation and habitat enhancement projects in the Sacramento-San Joaquin Delta. Assist with development and maintenance of financial projections and expense tracking for the Natomas Levee Improvement Program. Assist with hydraulic analysis in support of flood control studies using HEC-RAS. Collect and process survey data using Trimble GPS survey equipment and Civil 3D. Prepare quantity and cost estimates for numerous reclamation districts in support of their Five-Year Plans and the CALFED Levee Stability Program.
- 05/07 – 06/08 **Pacific Advanced Civil Engineering (PACE), Fountain Valley, CA**
Civil Engineering Intern
Test, install, and maintain flumes for dry-weather urban runoff study. Collect, process, and analyze data from flumes. Assist with hydraulic and hydrologic analysis using HEC-RAS, AES, and FlowMaster. Survey project sites using Trimble GPS survey equipment. Create and edit plans and exhibits using AutoCAD. Perform engineering calculations and research for various projects.

CONTINUING EDUCATION SEMINARS AND WORKSHOPS

- ◆ FLO-2D Hydraulic Modeling Training Course, FMA, 2010
- ◆ Autodesk University, 2009
- ◆ Advanced HEC-RAS Computer Workshop for Unsteady Flow Applications, ASCE, 2009
- ◆ Flood Fight Methods, California Department of Water Resources, 2008