

Internship at CMG Drainage Engineering, Inc.

Job Description:

The right candidate will be pursuing a Bachelor of Science degree in Civil Engineering, Hydrology, Watershed Management or similar degree with emphasis in hydrology and hydraulics. CMG's internships offer training and real industry application of principles of hydrology/hydraulics in the Civil Engineering field for both private and government entities. The intern will be tasked with assisting mid-level and senior professionals in the firm to deliver project deliverables to clients. The intern will learn how to apply methodologies for quantifying drainage and surface water and the application of 1-dimensional and 2-dimensional software to assess flooding and hazards due to flooding. The ideal candidate will have the following skillset/knowledge base:

- College level coursework completed in the principles of Hydrology and Hydraulics
- Introduction to Computer Aided Drafting and an academic understanding of the software, how it is used and ability to perform basic functions.
- Introduction to ArcGIS and understanding of how to do basic functions within the program.
- Experience with HEC-RAS at least from a coursework perspective
- Knowledge of normal depth and standard step backwater calculations.
- Ability to delineate a watershed and read topographic mapping.
- Ability to operate a Windows operating system PC.
- Ability to work part-time to full-time in the summer and able to continue working during the school semester for a reasonable number of hours.
- Experience using Artificial Intelligence (AI)

Software Experience Preferred:

- AutoCAD, Civil 3D
- ArcMap
- MS Teams
- Microsoft Word, Excel and Outlook

Any University of Arizona Engineering students interested in applying for this exciting opportunity should email their resume and any other relevant information to Rozario Martinez (rmartinez@cmgdrainage.com)