

# Christopher Bulkley-Logston

## Returned Peace Corps Volunteer, EIT

### MS, Civil Engineering (Water Resources)

San Francisco Bay Area

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## Overview

Chris just completed his graduate degree in Civil Engineering at the University of Minnesota, Twin Cities. During this program, he taught Physics as a Peace Corps Volunteer in Cameroon and served as the CEO of an experimental, low-cost water treatment venture in Bangalore, India. He has just recently returned to the US, and is exploring opportunities to continue his career as an engineer.

## Key Qualifications

- Masters of Science in Water Resources Engineering
- Extensive graduate experience in hydraulic analysis, hydrologic design and groundwater modeling
- Experience using GIS software (QGIS) to create interactive, online maps of water quality data
- Two years of professional experience installing and maintaining air quality monitoring equipment
- Two years of professional experience using CAD (Autodesk Inventor, AutoCAD) for 3D modeling and 2D drafting

## Key Skills

**Hydrologic and Hydraulic Analysis:** Excel, HEC-HMS

*extensive graduate coursework*

**Numerical Computing:** Matlab, GNU Octave

*undergraduate and graduate coursework*

**Public Speaking:** Academic, Informational, Entertainment

*teaching in the Peace Corps, live comedy*

**Geographic Information Systems (GIS):** ArcGIS, QGIS

*thesis research in Bangalore, India*

**Computer Aided Design, Mechanical:** Autodesk Inventor

*professional experience in the plastics industry*

**Computer Aided Design, Civil:** AutoCAD, AutoCAD Civil 3D

*professional experience in property documentation*

## Education

**University of Minnesota, Twin Cities**

**Minneapolis, MN**

*MS Civil Engineering, Water Resources*

*2015 - 2017*

(This was a Peace Corps Master's International degree which included service in Cameroon.)

**University of California at Davis**

**Davis, CA**

*BS Mechanical Engineering, Education Minor*

*2008 - 2012*

## Past Experience

**Peace Corps, Cameroon**

**Ntumbaw, Cameroon**

*Education Volunteer*

*2016-2017*

Taught high school level Physics and Mathematics as field work for MS degree

**Peace Corps, Guinea Conakry**

**Morodougou, Guinea**

*Education Volunteer*

*2013-2014*

Taught high school level Physics and English (TEFL)

**Plastic Welding and Fabrication**

**Buda, Texas**

*CAD Engineer*

*2012-2013*

Drafted and documented product assembly using computer aided design (CAD) software

**UC Davis Air Quality Research Group**

**Davis, California**

*Student Technician*

*2010-2012*

Maintained nation-wide network of air quality monitoring equipment

## Certification

**Engineer in Training (EIT):** California

*Exam by NCEES in May 2012*