

Alan W. Ashworth  
March 20, 2020  
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## **Personal Statement**

Degreed Geologist seeking a Junior Geologist position in the Environmental Consulting Industry

## **Skills Profile**

- Skills with web development languages HTML, CSS, JavaScript, and jQuery. Skillset with programming languages Java and Python. Knowledge of relational database management systems MySQL and SQLite. Tools such as Microsoft Office suite, AutoDesk AutoCAD and ArcGIS.
- Thorough understanding of the regulatory environmental permitting and compliance process, including the issuance of Notices of Noncompliance, Notices of Violation, and Consent Orders.
- Knowledge of the US EPA Region 4 Science and Ecosystems Support Division (SESD) field standard operating procedures with regard to monitoring well installation, and soil and groundwater sampling procedures.
- Hydrogeology and environmental geology university coursework and experience in running electric well-logging equipment.

## **Work Experience**

### Web Development Student

- Intensive twelve week course covering the core of full stack web development.
- Utilization of web languages HTML, CSS, JavaScript, and jQuery, along with responsive styling technologies such as Bootstrap and Material UI, and integration of third party and server-side APIs.
- Use of version control managements system Git and it's online repository website Github.
- Develop skills for sensible and systematic approach to web development, both alone and with collaborative team.

### ATC Group Services

- Working knowledge of petroleum fueling systems and underground storage tanks (USTs).
- Provide technical support for hydrogeological and remedial investigations, hydrogeologic testing, and groundwater monitoring programs.
- Experience with creating tables, graphs and figures to assist staff in the completion of project deliverables.
- Ability to perform subsurface field geologic exploration tasks accurately while quickly logging and classifying soil samples utilizing the United Soil Classification System (USCS) with detail.
- Working knowledge of construction standards for environmental monitoring wells and soil collection methodology utilizing Hollow stem Auger (HAS) as wells as split-spoon technologies.
- Performing Phase I/II Environmental Site Assessments consistent with ASTM standards.
- Ability to coordinate and supervise drilling subcontractors to ensure projects are completed on scope, budget and time.
- Supervise subcontractor work including drilling and installation of monitoring wells and implementation of remedial approaches.
- Commitment to company health and safety policies and ensuring all company subcontractors follow health and safety policies and safe work practices at all times.

#### Georgia Environmental Protection Division

- Currently employed as an Environmental Compliance Specialist 1 in the Agricultural Permitting Unit in Tifton, Georgia. Duties include field inspections of permitted and unpermitted sites for compliance violations, handling of public complaints, and issuance of Notices of Noncompliance, Notices of Violation, and Consent Orders.
- Field logging of agricultural supply water wells using EPD electric well-logging equipment and interpretation of the well log results. Also, verification of well installation and construction specifications using well logging data. Well logging equipment used in the field includes spontaneous potential (SP), gamma ray, resistivity, and caliper tools.
- Routine use of agricultural permitting database and geospatial database software (ArcGIS).

#### University of West Georgia

- Served as a Laboratory Teaching Assistant, assisting introductory geology students in identification of rock, mineral, and fossil specimens, mapping activities, and comprehension of geological concepts.

#### Six Flags White Water

- Served as a Supervisor for the Rentals department for White Water's revenue branch. Managed employee schedules, established daily department operations, assigned employee duties and breaks, and deposited cash transactions at the close of the business day.

#### **Research Projects and Presentations**

- Conducted independent research on the textural and geochemical properties of garnet minerals in metabasalts in the Southern Appalachians. Presented results (Assessment of Garnet-Grade Metamorphism at Garnet Hill, Paulding County, Georgia) at the annual national Geological Society of American meeting in Baltimore, Maryland in November 2015.

#### **Education**

B.S. Geology, University of West Georgia, Carrollton, Georgia, December 2015

#### **Professional Societies (Former Student Member)**

Geological Society of America

Georgia Geological Society

American Institute of Professional Geologists