Evan P. Carlson

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**OBJECTIVE**

To obtain a full-time position as a developer to initiate my career in the application/software sector and continue to further my expertise geographic information systems and their development.

**ACADEMIC SUMMARY:**

**BACHELOR OF SCIENCE:** Environmental Science Policy and Management; emphasis in Conservation and Resource Management

**MINOR:** Geographic Information Systems

**GRADUATION:** August 2019

**CUMULATIVE GPA:** 3.29

**CERTIFICATES:** University of Minnesota Full Stack Web Development Bootcamp, **October 2021 – March 2022**

**PROFESSIONAL EXPERIENCE:**

**MERJENT, INC., Minneapolis, mn, September 2019-PRESENT**

GIS Analyst

* Analysis and retrieval of all necessary project data using ESRI’s Arc products. This can include FEMA, NWI, NHD, SSURGO, U.S Census, and several other data types.
* Translating, analyzing, and digitizing client-side project designs from CAD files, PDFs, drawings, etc onto satellite imagery, topo maps, or street maps.
* Producing site plan/design maps for various project types including, natural gas transmission/replacement, electrical replacement, pipeline repairs, city gate proposals, and many others
* Regularly communicating with project managers to ensure my data and figure output is meeting or exceeding quality and deadline expectations.
* Performing project design calculations/statistics, desktop delineation of wetlands, waterbodies, proposed streets, and other features, NHIS and threatened & endangered species reviews.

**The Herbivorous butcher, Minneapolis, MN, MARCH 2018-September 2019**

Front of House Supervisor

* Oversight of major day to day operations in the front/retail portion of the store
* Facilitate activities and jobs of front of house associates
* Management and input into new product development and promotion.
* Answering any and all customer questions related to meat-free meats, dairy-free cheese, and general vegan living.
* Communicate effectively across all departments to ensure smooth and sustainable operations.

**Community action partnership of ramsey and washington counties, st. paul, mn**

**June 2019-AUGUST 2019**

Energy Conservation Assistant

* Assisting energy conservation specialists in any way possible through the entire home audit process.
* Conducting site visits to evaluate the tightness of a home by utilizing field tools and methods to discover where and how it can be improved.
* Processing and completing post audit paperwork such as data entry in NEAT and work orders.
* Present direct insight to the conservation specialists and learning many elements of building science and home energy conservation.

**University of MINNESOTA, st. paul, MN, April 2017- september 2017**

Monarch Joint Venture Field/Data Intern

* Data collection in the field, sometimes up to three hours away by car. Collection included measurement of sight via tape, compass measurements, finding locations via GPS. Recording and identification of pollen producing plants, types of milkweed, and butterflies at various stages of development.
* Data transfer via desktop application into MJV database.
* Communication with superiors pertaining to field conditions and problem mangement in the field.
* Communication with property and homeowners relating to any questions they may have had about the project and how data collection was coming along on their specific property.

**OTHER COMPETENCIES:**

* Proficient with ESRI ArcMAP and ArgGIS applications
* Experience with the National Energy Auditing Tool (NEAT).
* Garmin GPS and other GIS location hardware
* Microsoft Word, PowerPoint, Excel,
* Extensive experience in environmental communication and public speaking
* Intermediate knowledge in the following coding languages

-HTML

-CSS

-JavaScript

-SQL

* Intermediate knowledge in the following technologies

-Node

-Express

-noSQL

-Git (Github, GitBASH)