

Kevin Styers

Westminster, CO

Coding Portfolio - keystyers.github.io
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Experience

December 2018 - PRESENT

Battelle Ecology, Boulder, CO - *Instrumentation Field Ecologist*

- Developed a multitude of data tools in R/Python for managing Instrument Systems
 - **IPPingPy**, a Python script that pings all networked devices on a site and prints the response.
 - **IS System Status Report (IS3R)**, a report that displays a variety of data visualizations that allow for quick and easy troubleshooting, allowing for greater site awareness and response time.
- Wrote a Shiny Application (**Meadowlark**) that interactively analyzes all of the NEON Project's phenological data.
- Maintain 4 eddy covariance flux towers in a variety of ecosystems ranging from agricultural to alpine (11,400ft). This involves troubleshooting atmospheric sensors, gas analyzers, data acquisition devices, and vacuum pumps to ensure data continuity/quality.
- Initiated an internal NEON Project newsletter to increase team cohesion and disseminate information across departments.

May 2018 - October 2018

Battelle Ecology, Boulder, CO - *Temporary Field Technician*

- Established the RMNP phenology loop, acting as principal observer, creating training materials specific to the phenological phases for 3 species of sub-alpine tree.
- Presented a special project investigating phenology at D10.13 to recognize data patterns between TOS and TIS to improve protocol implementation.

May 2017- October 2017

Battelle Ecology, Land O Lakes, WI - *Temporary Field Ecologist*

- Identified Great Lakes flora for plot-level diversity surveys in mixed forests, woody wetlands, and riparian habitats. Acted as lead technician for protocol others were unfamiliar with.

August 2016 - August 2017

Honeycomb Bees, Washington, DC - *Science Writer*

- Researched, designed, and wrote weekly scientific articles centered on pollinator conservation directed towards a general audience.

August 2015- February 2017

BigThumb, Fairfax, VA - *IT Consultant*

- Cooperatively managed an IT help-desk with the CEO/CIO, servicing over 20 clients in multiple states.
- Designed and implemented a new office build from static IPs to computer software/hardware configurations.
- Demonstrated analytical problem solving and creative thinking to solve complex IT issues. This work ranged greatly from repairing an outdated email server, assisting software developers to resolve image database issues, to scripting network drive in an outdated Windows user directory and updating over 120 computers to Win10.

Education

August 2013- May 2018

George Mason University, Fairfax, VA - *Environmental Science B.S.*

Awards

Battelle Ecology: Outstanding Performance Award May 2019 - Meadowlark

Battelle Ecology: Outstanding Performance Award July 2019 - IS System Status Report (IS3R)