

Kseniya Verenich

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Education

University of Kentucky

Lexington, Kentucky

Bachelor of Science in Natural Resources and Environmental Science

Major focus: Conservation Biology and Field and Lab Analysis

Graduation Date: May 2017

Awesome Inc.

Lexington, Kentucky

Full Stack Web Developer Bootcamp

Graduation Date: May 2019

Skills (Web Development)

- **Web Development:** HTML, CSS, Bootstrap, Heroku
- **Programming Languages:** JavaScript (Node.JS), PHP
- **Frameworks:** Vue.js, Laravel,
- **Databases:** MySQL
- **Operating Systems:** Windows, OS X, Unix
- **Other Software:** Github, Slack, Google Office, Microsoft Office, iWork, Trello, Dropbox, Adobe Creative Cloud, BG-Base, IrisBG, Sequel Pro

Skills (Botanical)

- Skilled in tree, shrub, and herbaceous plant identification of native North American plant species
- Skilled in ornamental plant identification
- Ability to accurately read and use dichotomous keys
- Exceptional knowledge of plant taxonomy and nomenclature
- Knowledge of plant diseases, pests, and pest identification
- Proficient and current experience using IrisBG and BG-BASE software
- Proficient and current experience using windows based ESRI ArcGIS
- Experienced in operating a handheld GPS and navigating using traditional methods
- Experienced in operating and maintaining small-engine garden equipment
- Experienced in safely operating various hand and power tools
- Familiarity with and ability to safely operate a maintain 4WD trucks, tractors with front-end loaders and various attachments, chainsaws, chippers, leaf blowers, string trimmers, etc.

Work Experience

5/2017-11/2017

Plant Collections Management Intern

New England Wild Flower Society, Garden in the Woods
Framingham, MA

- Oversaw garden-wide data curation operations
 - Administered plant records workflow between field staff and collections department
 - Developed and installed plant labels, accession tags, and interpretive signage
 - Utilized BG-BASE software to create reports and process accession records
- Conducted field inventories and species verifications for cultivated collections
- Managed and expanded Plant Collections Network (PCN) accredited Trillium collection
- Maintained operating budgets and managed inventory of supplies and equipment
- Assisted in leading volunteers(20+) and garden tours
- Assisted horticulture staff in the preservation and care of gardens

5/2016-1/2017

Native Plants Intern

University of Kentucky Arboretum, State Botanical Garden of Kentucky
Lexington, Kentucky

- Curated native *Solidago* collection (independent project)
 - Researched, verified, and vouchered 38 goldenrod accessions
- Utilized IrisBG software to update plant records and create plant inventory reports
- Created and installed plant accession labels
- Mapped GPS coordinates for new plantings
- Maintained native ecosystem gardens including wetlands, prairies, and forests
 - Invasive species removal
 - Standard horticultural practices such as pruning, planting, mowing, mulching, flower care, etc.
- Assisted in tours, classes, and volunteer management
- Identified unverified plant species using botanical keys and herbarium references

5/2015-8/2015

Forestry/Wildlife Field Technician

University of Kentucky/National Park Service
Yellowstone National Park
Gardiner, Montana

- Pre-White Nose syndrome habitat assessment of bats during late spring through summer in Yellowstone National Park
- Assisted with the safe retrieval and deployment of HOBO temperature sensors deployed throughout the backcountry of Yellowstone National Park
- Sampled overstory vegetation surrounding known roost locations of bats in Yellowstone National Park
- Assembled and disassembled double and triple high mist nets
- Handled, processed, and tagged bats during mist netting and indoor capture
- Recorded/managed detailed data collected during bat processing
- Assisted in radio tracking of tagged bats to roost locations in the Greater Yellowstone Area, often hiking 15+ miles a day over steep and rugged terrain
- Assisted in nightly emergence counts of bats from known roost locations

Volunteer Work

September 2015

Kentucky Department of Fish and Wildlife Service

Brownsville, Kentucky

- Assisted in quantitative surveys using m² grids and documented the presence and quantity of rare and endangered mussels in the Green River within Mammoth Cave National Park
- Assisted with the re-introduction of various endemic and endangered mussel species into the Green River tributary

4/2016- 7/2016

Kentucky Wildlife Center

Lexington, Kentucky

- Provided all necessary care for orphaned, sick, and injured wildlife native to Kentucky, including administering fluids and antibiotics.
- Species included raccoons, foxes, coyotes, opossums, deer, rabbits, squirrels, groundhogs, bobcats, skunk, otter, and mink.

Certifications

Type II Wildland Firefighter Certified (US Forest Service):

Completed: February 2016