

# Ellen Furness

## WEB DEVELOPMENT - GIS

*Innovative, presenter, and deadline-driven in GIS and Web Development with 3+ years of experience in GIS work and website design and management. FULL STACK Web Development Coding Bootcamp.*

### WORK EXPERIENCE

#### **Biologist, Web Developer, GIS work** | 2005 – 2010

##### **National Park Service**

Web-site designer - update - maintenance of AIR Resources' site. Biological Research

#### **Web Developer** | 2003– 2010

Colorado College, Department of Geography

Free-lancer in design and maintenance of Professor and ISeS Antarctica web-sites.

#### **GIS Technical Specialist, Project Leader** | 2000 – 2002

##### **US Forest Service**

Mapped Turkey Creek using GIS ArcInfo to interpret major vegetation and forest types.

Burned Area Rehabilitation conducting topographic watershed mapping of treatment sites. BAER Team Project Leader for final burned area rehabilitation.

#### **UNIVERSITY OF DENVER** | 2022

FULL-STACK CODING WEB DEVELOPMENT - <https://efurness.github.io/ellen-s-react-portfolio/>

PROJECTS – REACT Portfolio, Weather Dashboard API, Calendar App, Note Taker App

#### **UNIVERSITY OF DENVER** | 2006

MASTERS of Science – Geography GIS


Graduate projects and teaching assistantship

#### **UNIVERSITY OF COLORADO** | 1995

MASTERS of Science – Population Biology

La Selva Research Station. Masters: Conservation of Psittacine species in Park System

### SKILLS

EXPRESS/NODE 

REACT

Web/Server API's

Handlebars

MERN Stack

OOP, SQL, NOSQL

ESRI ARCGIS Desktop

GIS ARCINFO

MVC

Mongoose

MongoDB

STATE 

### LANGUAGES

JAVASCRIPT 

HTML 5

XHTML

CSS 

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