

Eian Ray

GIS CONSULTING · CARTOGRAPHY

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Bainbridge Island, WA

planetarymodeling.com

48.1343° N · 123.7235° W

EDUCATION

MBA

Marylhurst University, 2013

BA, Geography

Central Washington University, 2008

CERTIFICATIONS

GISP

Geographic Information Systems Professional

MBA

Master of Business Administration

UAV Operations

Commercial drone operations

EXPERTISE

GIS Strategy

Cartography

Web Mapping

Agentic AI

Cloud GIS

Utilities

Land Analysis

NG911

UAV

Tribal GIS

Bathymetry

Federal Lands

SOFTWARE

ArcGIS Pro

ArcGIS Online

ArcGIS Enterprise

ArcGIS Field Maps

Survey123

ArcGIS Dashboards

ArcMap

ModelBuilder

OpenClaw

Python

SQL

INDUSTRY

Local Gov

Utilities

Engineering

Tribal

Federal

Title & Appraisal

Land Dev

PROFESSIONAL HISTORY

Jul 2021

— Present

Principal Consultant

Planetary Modeling, Inc. · Bainbridge Island, WA

INDEPENDENT

AGENTIC AI

TRIBAL

WATER & SEWER

APPRAISAL MAPPING

Independent GIS consulting practice. Agentic AI for GIS, needs assessments, system implementation, cloud GIS, cartography, and product development for local government, utilities, and land management agencies.

Jan 2019

— Apr 2026

GIS Lead

PACE Engineers, Inc. · Kirkland, WA

ENGINEERING FIRM

WEB MAPPING

TRAINING

GIS IMPLEMENTATION

Led GIS department delivering client solutions across the full project lifecycle. System implementation, web mapping apps, data management, cartography, needs assessments, and client training. Since Jul 2021, engaged via Planetary Modeling, Inc. as subconsultant.

Aug 2016

— Feb 2019

GIS Director

Columbia County, WA · Dayton, WA

COUNTY GOV

NG911

UAV

Directed countywide GIS strategy. Historical ROW digitization, NG911 implementation, pavement management, utility franchise permitting, and UAV operations. Served five county departments and one city department.

May 2012

— Aug 2016

GIS Specialist

Makah Tribe · Neah Bay, WA

TRIBAL

BATHYMETRY

TSUNAMI MODELING

Tribal resource management GIS — realty, land use, natural resources, hydrology, tsunami inundation modeling, and bathymetric mapping including Lake Crescent. Project lead for Solar Farm Feasibility Study and Marine Spatial Plan.

2008

— 2012

GIS Specialist

Bureau of Land Management · Vale, OR

FEDERAL

WILDERNESS INVENTORY

Federal land management GIS — data management, cartography, spatial analysis, and field data collection. Lead GIS analyst for the Wilderness Characteristics Inventory.