

# Amy Beisel



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<https://github.com/AmyBeisel>

## Summary

I am lucky enough to have pursued some of my passions over the course of my career. As a forever-animal lover, I cared for my patients of all sizes in a small/large animal clinic as a vet tech for nearly 8 years. It's a heartwrenching job that ultimately led me to another passion - professional mountain biking. It took nearly a decade of dedication and sacrifice to win a National Title and represent the USA. After being one spot short of the Olympic long team, I decided to reevaluate my next chapter - Data Science. In college, I enjoyed math and science, especially statistics and genetics. I retired early at the top of my game to pursue a career in Data Science - currently working 4 part-time jobs and attending school 5 times a week every evening. In my next decade, I want to combine the skills that I have obtained throughout my life - hard work, empathy, commitment, and spirit - with my newly-honed expertise in Data Analysis, Machine Learning, and Computer Science. I am also embarking on an entrepreneurship journey as a beekeeper, establishing my brand, High Altitude Hives, successfully selling out my first harvest! Check out my first data science project about the decline of bee colonies below.

## Experience



### Student

#### Lambda School

Oct 2019 - Present (1 year 1 month +)

Lambda School is an 18 month long, mastery-based full-stack data science program.

Demonstrated mastery in the following subject areas:

- Python (pandas, numpy, seaborn, scikit-learn, matplotlib)
- Predictive analytics & exploratory data analysis
- Feature engineering, clustering, dimensionality reduction
- Productization and cloud deployment
- SQL (PostgreSQL), Elasticsearch, AWS (Lambda, Elastic Beanstalk), Flask, FastAPI, ETL pipelines
- Natural Language Processing, Recommendation Systems
- Tree ensembles, neural networks, gradient boosting, ensemble methods



### Head Beekeeper

#### High Altitude Hives

May 2019 - Present (1 year 6 months +)

Inspect multiple hives and check colony health

Constructed a bear-safe apiary with electric fencing

Extract honey safely for harvest

Packaging, placement, and promotion

Winterize hives for the season



### Professional Mountain Bike Athlete

#### Self Employed

Jul 2012 - Aug 2019 (7 years 2 months)

Compete at a National and International level

Podiumed over 100 times, including a 2018 Marathon National Championship win  
Organize a traveling/training schedule  
Help support sponsorship with social media/trail advocacy  
Volunteer with group rides, non-profits



### **Veterinary Technician**

Gunnison Valley Vet Clinic

Jul 2015 - Dec 2015 (6 months)



### **Veterinary Technician**

Town & Country Animal Hospital

Jul 2009 - Jul 2015 (6 years 1 month)

In-Patient Medical Care – Place IV catheters, Blood draws, administer medications

Anesthesia - incubate, monitor patients vitals, assist the doctor in surgery

Dentistry – clean, scale, polish

Laboratory duties – blood smears, urine sediments, fecal

Client communication

Technician appointments – Blood work, toenail trims, anal glands

Small and large animal care

Clinic technician - check-in appointments

Prepare prescriptions

Assist with reception



### **Receptionist**

GUNNISON VALLEY FAMILY PHYSICIANS

May 2007 - Feb 2008 (10 months)

## **Education**



### **Western Colorado University**

Bio-Psychology, Biology, Psychology

2002 - 2006



### **Lambda School**

Data Science

2019 - 2021

## **Skills**

Data Analysis • Python (Programming Language) • Machine Learning • Data Visualization • Computer Science

## **Honors & Awards**



### **Elite Marathon National Champion**

May 2018