Amy Beisel

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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 Linkedin profile to see my first Data Science project about the decline of bee colonies.

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