



# MARK TELLEZ

## ML/Systems Engineer

### ABOUT ME

I've been coding since the 90s, and have since put some heavy time into genetic algorithms and then neural networks to solve games, build agents, synthesize human voice, and more.

I placed 8th worldwide in a Codeingame coding contest where I used a combination of a genetic algorithm and a state machine to outwit 99% of the players and AI.

I can build, train, finetune, and quantize models of various depths and complexities.

### SKILLS

Pytorch, Python,  
Docker, C#, AWS,  
Azure, DevOps, Vector,  
Relational, Graph  
Databases

 [mark@devmentor.live](mailto:mark@devmentor.live)

 <https://devmentor.live>

### EXPERIENCE

- **VoxBirdAI** 2024
  - Built a training and inference pipeline using AWS Lambda
  - Trained voices models "real" enough to fool Snoop Doggs wife
  - Made several key improvements on XTTS improving its speed and quality
  - Worked locally on my RTX 4090 and using GPUs on the cloud
- **ZoolyAI** 2023-2024
  - I implemented several voice models and help build the training code
  - Built out a team of foreign workers to fix training data
  - Shipped voice models to 50 Cent and Cardi B
- **DevmentorLive** 2018-2023
  - Mentored hundreds of aspiring developers over many years
  - Built a YouTube following of almost 40k subs
  - Won several coding contests including placing 8 out of over 5000 in AI
  - Amassed over 500 5 star reviews at Codementor.io
- **Key positions at** 1997-2017  
Teach.com, Intel, Callaway Golf, Marvel Studios, Uber, and more
  - Started professional development at 17 years old
  - Built a career by contracting at companies of all sizes
  - Learned and implemented JavaScript, ASP.Net, COM/DCOM, SQL, Ruby
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