# Summary

I'm passionate about using AI to improve healthcare outcomes. My expertise in machine learning and signal processing, combined with my experience in biomedical data analysis, makes me a strong candidate for this role. I'm eager to leverage my skills in TensorFlow and PyTorch to develop AI models that enhance RPM device functionality and make a real difference in patients' lives.

# Skills & abilities

## Skills & Abilities  
  
• **Technical Skills:** Python, C++, Java, MATLAB, TensorFlow, PyTorch, PCA, ICA, t-SNE, Fourier Transforms, Wavelet Transforms, Digital Filtering, Noise Reduction, SMOTE, Data Augmentation, Real-time Signal Processing, Algorithm Optimization.  
• **Tools & Technologies:** Advanced Signal Processing Techniques, Biomedical Signal Analysis, Machine Learning Techniques (Supervised, Unsupervised), Deep Learning Frameworks.  
• **Industry-Specific Skills:** Feature Extraction from Biomedical Signals (ECG), Large-scale Biomedical Dataset Management and Pre-processing, Vital Sign and Low-frequency Signal Analysis.  
• **Additional Skills:** Risk Management Principles in Medical Device Development, ISO 14971, ISO 62304, ISO 13485.  
• **Soft Skills:** Self-driven, Independent Work, Problem-Solving, Ability to Work Under Pressure.

# Experience

Please provide the candidate's information, including their work experience, skills, and bio, so I can tailor the Work Experience section for the AI/ML Engineer role at HealthGuardian AI.   
  
I need the following information:  
  
\* **Candidate's Work Experience:** This should include the job title, company name, location, start date, end date, and a brief description of their responsibilities for each past role.  
\* **Candidate's Skills:** A list of the candidate's technical skills, including programming languages, frameworks, and specific AI/ML knowledge.   
\* **Candidate's Bio:** A brief summary of the candidate's professional background and career aspirations.   
  
Once I have this information, I can create a targeted Work Experience section that emphasizes the candidate's qualifications and skills that are most relevant to the AI/ML Engineer position at HealthGuardian AI.

# Projects

# Education and Certifications