

1 Introduction

Context/Need/Gap/Hero Funnel. [**matthis'retinal'2022**]

1.1 Intellectual Merit

How we will advance knowledge

2 Broader Impacts

How we will help the world

3 Objectives

Like Specific Aims - what are the primary activities/deliverables?

4 Current Context

4.1 Technological Context

4.2 Social Context

4.3 Ethical Context

4.3.1 The Problem of Universities

4.3.2 The Problem of Journals

4.3.3 On Gardens and Cottage Industries

4.4 Need and Gap

5 Objectives and Long term vision

5.1 Aspirational Goals

5.1.1 FreeMoCap =¿ Best MoCap

5.1.2 All-levels accessible

5.1.3 Covert Education

5.1.4 Generative Organizational Structure

6 Guiding Principles

6.1 Universal Design / Universal Access

6.2 No artificial scarcity

6.3 Community Focus

6.4 Aggressively Open Source

7 The FreeMoCap Project (FMC)

7.1 Artifacts

7.1.1 FreeMoCap Softwares

FreeMoCap Core Software (FMC-Core) Sub-Skelly Softwares

7.1.2 Documentation and Educational Material

7.1.3 Datasets and derived models

7.2 The FreeMoCap Community (FMC-C)

7.3 The FreeMoCap Foundation (FMC-F)

7.3.1 Organization

7.3.2 Governance

7.3.3 Responsibilities

7.3.4 Licensing Model

8 Planned Activities and Objectives

8.1 Ecosystem establishment and growth

8.1.1 Userbase Analysis/Engagement

8.1.2 AI Pseudo-Mentorship (SkellyBot)

8.2 Community Building

8.2.1 Annual Workshop/Conference: FreeMoCamp/Con

8.2.2 Community Challenges

8.2.3 Community Grants Program

8.2.4 Gamification and achievement-based badges

8.3 Organization and Governance

8.3.1 Build admin infrastructure

8.3.2 Develop SOPs

8.3.3 Establish core maintainer roles and support

8.3.4 Develop 'Skelly Enhancement Proposal'[SEP] system

8.4 Continuous Development, integration, Evaluation

8.4.1 Development

8.4.2 Integration

8.4.3 Evaluation

Tests Validation Diagnostics

8.5 Sustainability

8.5.1 Goals and Metrics

Community Growth Organizational Stability Software Performance Revenue streams

8.6 Security and Privacy

8.7 Security

8.8 Privacy