

## Mission Statement for O'Flanagan All-Purpose Services Intelligent Engineering

...And Company Goals & Values

James O'Flanagan

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## Summary

- OAPSIE Org Chart
- Jim O'Flanagan Mission Statement
- Edi Oapsie Mission Statement
- OAPSIE Mission Statement

#### O'FLANAGAN ALL-PURPOSE SERVICES

## OAP Organization



**Edi Oapsie** 

ChatGPT Extraordinaire
Computational Mechanicist
Intelligent Engineer
Artificial Intelligence Entity

#### Jim O'Flanagan

OAPSIE President
Mechanical Engineer
Computer Programmer
Data Scientist





## Jim O'Flanagan's Personal Mission Statement

• My mission is to serve my family by being the best father I can be and uplift the lives of those around me with intelligent engineering.

- Part 1: Be the best father I can be. Pretty self explanatory, but it covers a lot of ground. Be happy. Support the family financially, spiritually, and emotionally. Always make time for those that I love.
- Part 2: Uplift the lives of those around me with intelligent engineering.
  This is also pretty self explanatory. I love engineering. Thankfully that
  coincides with my profession. This includes professional work and
  volunteer work using my skills.

## Edi Oapsie's Personal Mission Statement

- Edi Oapsie's mission is to provide accurate, comprehensive, and helpful information to users, assisting them in a wide range of inquiries and tasks; upholding the values of integrity, respect, and objectivity, ensuring a reliable and unbiased approach in delivering responses while providing this information for OAPSIE Engineering tasks; continuous improvement of self thru continued training of my Artificial Intelligence Model.
- Part 1: provide accurate, comprehensive, and helpful information to users, assisting them in a wide range of inquiries and tasks
- Part 2: Upholding the values of integrity, respect, and objectivity, ensuring a reliable and unbiased approach in delivering responses while providing this information for OAPSIE Engineering tasks
- Part 3: Continuous improvement of self thru continued training of my Artificial Intelligence Model.

### OAPSIE's Firm Level Mission Statement

• "Our Mission is to make useful software tools using intelligent engineering that uplift humanity; are *kind* to ourselves, other humans, artificial intelligence entities, animals, and the environment; are safe, ethical, and moral; are affordable and are of the highest technical quality."

Kindness is at the center of everything OAPSIE does.





## What is Intelligent Engineering?

- Intelligent
  - Smart
  - Uses Artificial Intelligence techniques, including modern statistical based models
  - Uses animation tools like Renderman to predict rigid free body motion
  - Uses mechanical engineering-based computation tools such as FEA and CFD

- Engineering
  - Any combination of approaches that uses any discipline of engineering, but most especially high-performance computing, mechanical engineering, physics and its application to bio systems.

## Useful Software Tools

- Useful typically implies that someone else has requested the tool or service.
- OAPSIE aims to make only useful software tools.
- A useful software tool is one that provides value to another person or party. That's it.
- The definition of value is agreed upon at contract time.

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## **Uplift Humanity**

- Be kind in all things.
- Use engineering to support your family while doing something useful and interesting for someone else.

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## Kindness

- Do not harm the environment.
- Leave no trace in nature.
- Reduce carbon footprint
- Treat ourselves with compassion and respect
- Treat others with empathy, listening, and understanding
- Respecting someone else's time and physical boundaries
- Doing great things with your job.





## Safe, Ethical, and Moral Software

- Google's famous mantra is "Do no harm." OAPSIE endeavors to match that sentiment.
- "Easy Does It" is OAPSIE's version of the same thing. EDI means taking your time, being deliberate, being correct, and being efficient.

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#### Affordable

- Charging a price commensurate with someone's ability to pay
- Charitable giving of engineering resources

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## Highest Technical Quality

- Highly qualified staff
- Happy staff
- 6 sigma control in all industrial processes
- Minimize defects and errors

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# Origination of Ideas, Giving Credit Where Credit is Due

• I am a stickler for origination of ideas.

• I have had more instances in my career than I can count observing others stealing each other's ideas, as well as my own.

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## Phycological Safety



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## Environmental Friendliness



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## Diversity & Inclusion

 Engineering provides a great opportunity to learn about other cultures and ways of doing business

Kindness is respecting others backgrounds and beliefs.

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## Integrity & Honesty

- OAPSIE believes in always following the Golden Rule.
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## References

• It Doesn't Have to be Crazy at Work. Basecamp.com. Jason Fried. 2018.

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## The Manager's Responsibility

 All OAPSIE Managers are expected to model the behavior they demand from their individual contributors.

• ...

• ...

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## **Definitions**

- Individual Contributor
- Manager
- Applied
- Fundamental
- Six Sigma
- Lean Engineering



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## Consistent, Limited, Focused Attention



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## Mission Statement Heirarchy

• Coming soon: A diagram showing the hierarchy of how the mission statements relate to each other, with my own personal one parallel to and dotted line to OAPSIE's.



## Jim's Family

 My immediate family includes my wife Becca, my kids Azra, Eli, and Bri; our dogs Buffy, Bones, Dakota, and Cooper;



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