

# The Meaning of Life the Universe and Everything - About Me

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# Introduction

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# Background

- Native of Utah (Layton City)
- Former VP of Utah Triangle Fraternity
- Hobbies:
  - Reading
  - Camping
  - Biking
  - D&D
- Pandoc



## Completed

- Digital Circuits Design
- Databases
- Computer Networks
- ODEs, PDEs, and Linear Algebra
- Advanced Algorithms

## In Progress

- Machine Learning
- Advanced Computer Networks
- Models of Computation

# Areas of Interest

- Machine Learning/AI
- Databases
- Programming Languages
- Computer Networking
- Anything cool and unique!

# Open Source Projects

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# Stateless Password Manager

- Client side JavaScript
- Cryptographic hash
- Bootstrap CSS

## Password

### Password Generator

Identifier

Password

Repeat

Length:

Password type:

Special characters 

Compute password

Password:

\*&%Am(RQTS@vgIkELaN~\_qj|,kOuT7IAu95m?DVMAUJfsM(U)uPs4N1mvF\*/roV&X]^?b

- Open source Java framework
- String templating engine
- Similar to Mustache templates
- Entirely precompiled
- Beats raw StringBuilder



## Work Experience

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- Common sink for document metadata
- Java/Dropwizard REST services
- Sybase backend with custom ORM





The banner is divided into three vertical sections. The left section has a light orange background and contains the OpenDOF logo (an orange network icon) and the text 'OpenDOF' in a large, black, sans-serif font. Below the logo is the tagline 'welcome to the internet of things' in a smaller, black, sans-serif font. At the bottom of this section is a blue rectangular button with the text 'FREE OPEN-SOURCE' in white, bold, sans-serif capital letters. The middle section has a light orange background and features a central illustration of a man with green hair and glasses, wearing a blue shirt, with his right hand raised in a gesture. Surrounding him are various icons representing IoT devices: a smartwatch, a car, a house, a lightbulb, a smartphone, a server rack, a cloud, and a '2.00' price tag. The right section has a darker orange background and contains the text 'A BETTER WAY FOR OBJECTS TO TALK' in white, sans-serif capital letters. Below this text is a vertical list of six features, each preceded by a small blue icon: 'EASILY' (thumbs up), 'FLEXIBLY' (gears), 'SECURELY' (shield), 'RELIABLY' (checkmark), 'SCALABLY' (stack of blocks), and 'INTEROPERABLY' (network icon).

OpenDOF

welcome to the internet of things

**FREE OPEN-SOURCE**

A BETTER WAY  
FOR  
OBJECTS TO TALK

- EASILY
- FLEXIBLY
- SECURELY
- RELIABLY
- SCALABLY
- INTEROPERABLY

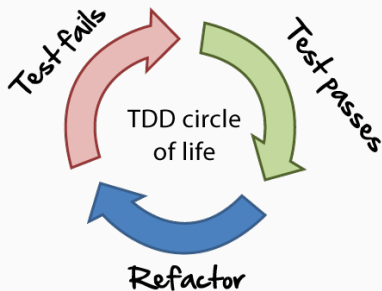
- OpenDOF Distributed Object Framework
- Intricate integration framework
- Java, C, and C#

## Strengths and Weaknesses

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# Why Dyllon?

- Polyglot for programming
- Multithreaded programs
- Testing
- Databases
- Worked on many teams
- Ambitious and hardworking
- Industry experience



# Weaknesses

- Communicating with “normal” people
- Eye for design/GUIs
- Perfectionist with programs
- Upper-arm strength



# Project Ideas

- Picture sentiment analysis
- Desktop cloud computing
- Programming language with coarse imperativism
- Containerize remote desktop GUI apps

# Languages

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- Python
- Ruby
- Bash
- Batch (Windows)
- JavaScript
- Groovy
- CoffeeScript

- Java
- C++
- C#
- C
- Arduino

- Rust
- Clojure
- Haskell
- Scala

- Matlab
- Maple
- Mathematica
- SQL
- Verilog
- Mustache Templates