

# Taysser Gherfal

*I'm a kind, curious, and creative computer engineer who is passionate about making a positive difference in my community by creating successful products and services that enhance the quality of life.*


## INFO

-  Location  
Redmond, WA
-  Email  
tgherfal@outlook.com
-  Phone  
(206) 512-4502
-  Website  
www.tgherfal.com
-  LinkedIn  
www.linkedin.com/in/taysser
-  Github  
www.github.com/Taysser-Gherfal

## AWARDS

-  Beta Gamma Sigma  
The Premier Honor Society  
Recognizing Business Excellence
-  Pi Alpha Alpha  
The Global Honor Society for  
Public Affairs & Administration

## CERTIFICATIONS

-  CCNA Certified  
Cisco Certified Network Associate

## LANGUAGES

-  Python |||||
-  Javascript |||
-  C Sharp ||

## QUALIFICATIONS SUMMARY

- BS in Computer Engineering, and Master's degrees in both Business (MBA) and Human Computer Interaction (MHCI).
- Track record of driving product development and competency in leading teams through ideation, design, and development using Agile methodologies.
- Ability to self-start in an ambiguous, fast-paced and rapidly changing startup-like environment.
- Experience using Power BI, Python, and Spreadsheet modeling to deliver insights.
- Skilled in influencing and impacting others by establishing a shared vision.
- Passionate, hard-working, and known for my strong communications skills.

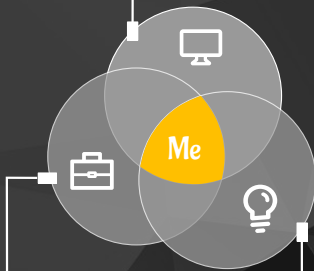
## PROFESSIONAL EXPERIENCE

- 2015-Present  
**Product and Technology Director at FINAO (startup)**  
Successfully managed the product development life cycle by leading a 9-person development team and launching v1 of the FINAO mobile apps and analytical dashboard.
  - | Guided the software development by defining the product road-map and delivering 80% of planned features with only 50% funding.
  - | Dramatically improved the user experience of the FINAO app by removing major UX pain points, earning 4+ stars in the app stores.
  - | Planned and led usability studies with more than 100 students and educators participating discovering trends and defining requirements.
  - | Leveraged a partially developed backend in the development of FINAO EDU saving two months of development work.
  - | Created a Python tracking web app to monitor development KPIs across different vendors and track schools with high mobility rates.
  - | Prototyped and user tested the FINAO Dashboard using Power BI.
  - | Managed and planned a successful and smooth vendor transition.
- 2013  
**PM Intern at the State of Oregon (DAS)**  
Orchestrated two cross functional matrix teams at the Mobility Project to implement a mobile application certification process and an enterprise mobile application store.
  - | Informed product development by exploring the certification process of existing App stores and reporting findings.
  - | Established team effectiveness and instituted a sustainable documentation process.
- 2010-12  
**TPM at Pascucci & Vannucci s.p.a**  
Managed a team of engineers to design and execute a network infrastructure for an Italian construction company exceeding expectations and resulting in acquiring two new customers.
- 2010-12  
**Core Network Engineer at Aljeel Aljadeed (ISP)**  
Supervised the execution of Tripoli Business Network (TBN) and Next Generation Network (NGN) accelerating the project acceptance process by validating different vendor designs and following up the project implementation.

## SKILLS

### Computer Engineering

- Realistic & Logical
- Analytical & Data Driven
- Problem Solver



### Business Administration

- Value Creation Mindset
- Leadership Abilities
- Risk Management
- Market Analysis

### Human Computer Interaction

- Wireframing & Prototyping (UX)
- Visual Communication (UI)
- Usability Studies
- User Research

## TOOLS

### Computer Tools

#### Software

- Python
- C#
- Javascript
- HTML
- CSS

#### Hardware

- Arduino
- Raspberry Pi
- Parallax
- Fritzing

### Business Tools

#### Management

- JIRA
- VersionOne
- MS Project

#### Analytics

- SQL
- Power BI
- Spreadsheet modeling

#### Diagramming

- Visio
- OmniGraffle

### HCI Tools

#### Graphical

- GIMP
- Inkscape
- Balsamiq
- Sketch

#### Interactive

- Axure
- Justinmind
- Invision

## EDUCATION

- 2014-15 **UNIVERSITY OF WASHINGTON**  
Master of Human-Computer Interaction and Design  
- GPA: 3.78/ 4.0
- 2012-14 **WILLAMETTE UNIVERSITY**  
Master of Business Administration  
Atkinson Graduate School of Management  
- GPA: 3.80/ 4.0
- 2004-09 **UNIVERSITY OF TRIPOLI**  
Bachelor of Engineering in Computer Engineering  
- Ranking: 6<sup>th</sup>

## PROJECTS AND ACTIVITIES

### FINAO Tracking - Developing an Internal Web Solution

Built a web application to monitor development metrics (KPIs) across different vendors, track schools with high mobility rates and nominate top performing students for the G.O.A.T. prize.

- Sponsored By  FINAO

### CareCam - Helping Families with Autism Spectrum Disorder

Pioneered a seamless way to record, track, analyze, and share behaviors of children with Autism Spectrum Disorder.

- Sponsored By  Microsoft

### User Research - Next Generation Digital Whiteboards

Informed the design of next generation interactive whiteboards through user research.

- Sponsored By  SMART

### SMUG - Improving Your Coffee Experience

Prototyped a smart mug that enhances the experience of drinking coffee by tracking the temperature and the amount of coffee consumed over time.

### Midero - Augmenting the Minesweeping Process

Built a mine detection robot with a landmine marking system to improve the process and safety of clearing landmines in developing countries.

### Marketing Campaign - Empowering Students with Disabilities

Compiled a marketing campaign for PHAME, a non-profit that serves adults with developmental disabilities, to raise donor contributions.

- Sponsored By  PHAME

### Feasibility Study - The Viability of an Indoor Winter Market

Directed market research for Salem Saturday Market to inform their decision to create an indoor winter market.

- Sponsored By  Salem Saturday Market