

# William J. Foley

---

William.Foley41@gmail.com

New York City, NY

646-775-1706

<https://williamfoleyium.com/>

## Experience

### Onboarding Transition Manager, UBS Group AG

New York City May 2022-Present

- **Project Management**
  - Own the front-to-back process of coordinating between the client and all internal teams including Sales, Know Your Client, Tax, Regulatory, Documentation, and Credit to open accounts in the Investment Bank.
- **Front End Development – Nautilus Project**
  - Designed in Figma and built an HTML CSS web-based tool prototype to improve the onboarding experience
  - Problem: IB employees and clients execute and collect onboarding information via email, phone, as PDF and Word documents
  - Solution: Convert the entire front-to-back onboarding process to a web-based platform where all documents and request info is online
  - Executed user interviews to collect information on onboarding pain points
  - Project is under construction and viewable at <https://nautilusonboarding.com>
- **Information Sharing** - Created Onboarding Wikipedia-style SharePoint site to promote professional knowledge sharing.

### Product Designer / Mechanical Engineer, MedicaSafe, Inc.

New York City November 2015 – April 2022

- **Product** – Developed handheld locked pill dispenser for patients treating opioid use disorder
- **3D Design** – Designed parts for injection molded parts sourced from a contract manufacturer
- **Rapid Prototyping and Testing** – Designed and built functional prototypes of parts and devices before manufacturing
- **Risk and Failure Mode Analysis** – Theoretical analysis of all sources of risk and sources of failure when device is in operation

## Start Ups

- **Freija, LLC - Founder** May 2020 – March 2022
  - **Product Developer** – Created the logic structure to diagnose and treat common house plant issues encompassing fungal, bacterial, viral, and pest-related problems.
  - **UX/UI** – Partnered with in house designer on user experience and screen layouts. Executed app tests.
- **Esja Industries, Founder**, September 2016 - March 2020
  - **Construction Management**: Lead the planning, design, and construction phases of test heated green roof project installed on a private building.

- **Research:** Investigating how to repurpose waste steam/hot water for productive use cases by heating the soil in green roofs on urban buildings to enhance plant growth.

## Education

### **The Cooper Union for the Advancement of Science and Art**

New York City, New York

- Masters Mechanical Engineering May 2015
- Bachelor of Engineering, Mechanical Engineering May 2012

## Programs & Skills

**Software and Development:** Figma, HTML, CSS, JavaScript, SOLIDWORKS, AutoCAD, DaVinci Resolve

**Prototyping:** Ultimaker & MakerBot 3D Printers, Steam/Water Piping Systems