

# Sultan Hamid

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## PROFESSIONAL EXPERIENCE

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### Co-Founder

July 2023 - July 2024

Safar, Inc. | San Francisco, California

- Founded a travel planning app with the mission to simplify travel planning and booking.
- Launched on the App Store, resulting in 130 downloads with paying customers.
- Responsible for the app design from initial concept to final execution using Figma.
- Talked with customers to gather insights and feedback to create a product roadmap.

### Sr. Materials Engineer

June 2022 - June 2023

Stratasys, Inc. | San Francisco, California

- Managed the material certification process for photopolymers on the Origin One platform.
- Verified and launched two materials in close cooperation with external material suppliers.
- Improved material certification process by extending the test method capabilities.
- Diagnosed customer issues and provided root-cause analysis in material and print processes.
- Stratasys closed its San Francisco office and offered me a relocation opportunity to Israel.

### Product Development Engineer

June 2019 - May 2022

Bay Materials, LLC | Fremont, California

- Managed and developed the next generation of dental and cosmetic aligners, which involved researching and creating patents, defining product requirements, creating prototypes, developing test methods, performing polymer analysis, and ensuring regulatory compliance.
- Developed a dental aligner with enhanced laser marking performance, which involved patent research, literature research, materials selection, creating prototypes, and test method development.

### Prototype Engineer

July 2017 - September 2018

Atacama, LLC | Alameda, California

- Created prototypes in a screen printing facility to show Atacama's moisture wicking technology.
- Researched sustainable chemicals to replace fluorocarbon chemicals in textile applications.

## AREA OF EXPERTISE

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Additive Manufacturing, Dental Aligner, Polymer Science, Polymer Processing, Polymer Formulation, Polymer Characterization, Startup, Product Design, Product Management, Product Strategy

## TECHNICAL SKILLS

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Autodesk Fusion 360, Autodesk Netfabb, DOE, ANOVA, TGA, DSC, FTIR, DMA, MFI, Mechanical Testing (Tensile, Flexural, Tear, Impact, Stress Relaxation), Color, Viscosity, Figma, CoreDRAW

## EDUCATION

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### Fachhochschule Bielefeld, Germany

October 2012 - November 2016

Bachelor of Engineering (GPA: 3.7/4.0)

Mechanical Engineering and Polymer Engineering (Honors)