

# RAYYAN ZAHID

San Francisco, California

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## EXPERIENCE

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### DSS Inc

San Francisco

Software startup that has developed a next-gen proprietary visual programming language for dynamic systems thinking and design. Currently in stealth.

06/2019 – current

#### *Researcher, Software Team*

- Currently writing a non-fictional book on the future of humanity with the founder of the company
- R&D for modelling complex systems in socio-economics, law and healthcare.
- Designed 200+ courses on the proprietary language for the software engineering team onboarding
- UX and UI design studies to improve usability of proprietary tech

### Reckitt Benckiser Pharmaceuticals and Consumer Goods

Karachi

British multi-national with operations in 60 countries and annual revenue of £12.597 billion (2018),

#### *Assistant Manager, Management Team*

07/2018 – 11/2018

- Lead the Intreprenurial digital transformation in E-Commerce with a direct reporting line to the general manager
- Chosen ahead of 10 top candidates hailing from the top 4 universities for the position of assistant manager
- Partnered with ecommerce customers to create an average month-on-month 3X channel-wise YTD sales growth
- Developed systems and capabilities for performance marketing, and data analytics using Python and Excel VBA

### The Catalyst

State-of-the-art incubator facility to facilitate product development and commercialization.

#### *Intern, Greenovation.pk*

01/2018 – 03/2018

- Built elevator pitches and presentation decks using Google's Design Sprint design thinking methodology
- Created supply chain synergies in Greenovation's production and distribution of 100% plastic recycled LPG  
Rebranded Greenovation's identity around human-centric design

## ORGANIZATIONS

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### Climate Reality Project

The Climate Reality Project is a non-profit organization involved in education and advocacy related to climate change.

#### *Trained Climate Reality Leader*

07/2020 – Current

### GIKI Alumni Association

The GIKI-AA is an independent and worldwide organization that nurtures lifelong relationships with its alumni.

#### *Vice President Marketing*

04/2020 – Current

## EDUCATION

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### GIK Institute of Engineering Sciences and Technology

Pakistan

*Bachelors of Science in Chemical Engineering | CGPA 3.1/4*

06/2018 - 08/2014

- University Gold Medal for best overall performance (academics & co-curricular) / ~350 students batch
- 1<sup>st</sup> position in best capstone project in the Department of Chemical Engineering: Designing of a stack concentration flow cell using ion selective membrane to extract salinity gradient energy using reverse electro-dialysis. Applications in recovering low-temperature waste heat from water coolants, energy recovery from industrial waste streams and energy from saline solutions for ISRU applications
- Leadership positions in AIChE, AIAA, AIESEC, GIK WebTeam and Literary & Debating Society

## PROJECTS, COURSES AND LECTURES

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- [Course] In-depth Look at Human Brain Evolution - Further reflection, American Humanist Association (08/2020)
- [Course] Introduction to Agent-Modeling with NetLogo - Guided Project, Coursera (08/2020)
- [Course] Computation in Complex Systems - Complexity Explorer, Santa Fe Institute (08/2020)
- [Course] Computation Modeling and NetLogo - Complexity Explorer, Santa Fe Institute (08/2020)
- [Course] Origins of Life - Complexity Explorer, Santa Fe Institute (07/2020)
- [Project] Designed and contained Aeroponic (Hydroponic) system for plant growth (06/2020)
- [Course] Philosophy and Critical Thinking - UQx: Meta101x, EdX (09/2019)
- [Course] Critical Thinking: Fundamentals of Good Reasoning - IsraelX: CriticalThinking, EdX (08/2019)
- [Lecture] Chomsky UCLA Lectures (05/2019)
- [Conference] Looking Back as We Move Forward - A Conference in Honor of Jed Z. Buchwald, CalTech (04/2019)

## ADDITIONAL INFORMATION

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- Skills: NetLogo, Python SciKit, ASPEN Plus, Ansys, Matlab, C++, SolidWorks, Google/MS Office, Blender, Adobe