



# Diwank Singh

AI Researcher & Entrepreneur


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 New Delhi, IN  
San Francisco, US

## SUMMARY

I am an AI researcher+entrepreneur. I have led multiple teams to build and ship (mostly AI) products at scale. My mission is to understand how human intelligence works and then use it to build a better future.

I was a 2013 Thiel Fellow and I studied Physics and Philosophy at Columbia University. These days, I am exploring foundational models' potential in understanding natural language.

## ENTREPRENEUR

### CEO & Founder, Mauna

Singapore — 2019 - 21

An API of on-demand NLP models for developers to build Siri like apps.

### CTO & Founder, Kea

Mountain View — 2017 - 18

Automated phone ordering system for restaurants. Now, valued at \$150mn.

### CTO & Founder, HornOK

New Delhi — 2015 - 16

HornOK enhanced heavy machinery and transport using AI.

### CEO & Founder, Tranql

San Francisco — 2013 - 15

A suite of psychometric apps to diagnose and manage mood disorders.

### Founder, iheartcode

New Delhi — 2011 - 12

A platform for learning to code online. Open-source with an active community.

## ENGINEER

### Head of Engineering, Jar

Bangalore — 2021 - 22

Fastest growing startup in India -- 8 million daily active users in its first year.

### Software Architect, ElectriQ Power

Hayward, CA — 2018 - 19

Smart home solar power plants with thousands of installed systems.

### Frontend Engineer, VoiceOps

New York City — 2017 - 17

A platform for transcribing and analyzing your team's sales conversations

### Frontend Engineer, Claco

Palo Alto — 2012 - 14

A platform for teachers to create and share lesson plans.



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## OPEN SOURCE & RESEARCH

**Pipes.js + web-streams-polyfill**

[pipes.js.org](https://pipes.js.org)

Utilities and polyfill for the upcoming web streams specification.

**Language and Foundation Models**

[huggingface.co/diwank](https://huggingface.co/diwank)

Custom trained transformer models for various natural language tasks.

**Proving properties of Latency-Insensitive Blocks using Coq**

[github.com/creatorrr/cs\\_proj\\_1](https://github.com/creatorrr/cs_proj_1)





Computational verification of the paper Latency-Insensitive Dataflow Blocks using Coq.

**Deck.rocks: AI-based pitch deck generator**

[deck.rocks](https://deck.rocks)

From a 1-liner idea, generate a fully-loaded pitch deck using GPT3

## FELLOWSHIPS

<b>Thiel Fellowship (\$100k grant)</b> San Francisco, Program Fellow — 2013-2015	
<b>Recurse Center (formerly Hacker School)</b> New York, Program Fellow — Winter 2015	
<b>AWS Startup CTO Fellowship</b> San Francisco, CTO Fellow — 2021	
<b>Mozilla WebFWD</b> Mountain View, Program Fellow — Summer 2012	

## PRESS

**Forbes Magazine** -- Aug 2021

**Voice AI Technology Is More Advanced Than You Might Think**

Tomer: "Understanding conversation is powerful. Imagine having conversations with any computer..."



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**Forbes Magazine** -- May 2013

**Billionaire Facebook Investor Peter Thiel Backs More Students to Skip School, Start Companies**

"... Diwank Singh Tomer stopped out of his college in India to work on an online platform to code..."

**Business Insider** -- September 2013

**The 8 Hottest Teenage Startup Founders in the World Right Now**

"... Diwank Singh Tomer keeps busy by working on a range of ideas..."

## PUBLIC SPEAKING

**Toward building artificially intelligent assistants: Querying Grakn in Composable Plain English Statements**

[Grakn Cosmos, London](#) -- Feb 2020

Knowledge engineering to solve semantic knowledge graph problems.

**TEDx Sunny side up: Fringe benefits of a troubled mind**

[TedX DPSRK Puram / VIMHANS, New Delhi](#) -- Aug 2015

From dropping out of college, to getting a Thiel Fellowship.

**Reverse-engineering purpose to resolve existential crises**

[Thiel Under20 Conference](#) — Aug 2013

What does it truly mean to have a 'purpose'? Should we even bother?

**Startup Grind**

[Startup Grind, Hyderabad](#) — Aug 2015

Fireside talk on experiences as a young entrepreneur.

## EDUCATION

**Columbia University, NY**

B.S. Physics & Philosophy — Batch of 2021 (sabbatical)

**BITS Pilani, Goa, India**

B.S. Computer Science — Batch of 2016 (dropped out)

**Delhi Public School, RKPuram, India**

Sr Sec School Certificate in Sciences — 2009-2011

**Wynberg Allen School, Mussoorie, India**

Sr Sec School Certificate in Sciences — 2009-2011

\*\* 98% in CISCE Board examination (All India Rank 2)