



# Diwank Singh

San Francisco, CA

+1 (408) 634 9265

diwank.tomer@columbia.edu

<http://diwank.name>

<http://github.com/creatorrr>

<https://www.linkedin.com/in/diwank-tomer-495a09141/>

## SUMMARY

I make intelligent things and use them to create valuable businesses. Ever curious to understand how this world works.

Experienced full-stack software engineer passionate about using technology to enable people to live better lives.

## ENTREPRENEUR

### Founder & CTO, Kea

Mountain View, California — Jul 2017 - current

Co-founded [kea.ai](http://kea.ai), an automated ordering system that processes phone orders and requests from customers. Ran the product and engineering team.

### Founder & CTO, HornOK

New Delhi, India — Jul 2015 - Dec 2016

Cofounded [hornok.co](http://hornok.co) with high school friends. HornOK exists to enhance heavy machinery and transport business processes using AI.

### Founder, Tranql

San Francisco, California — Jul 2013 - Mar 2015

Founded [tranql.co](http://tranql.co), as part of my Thiel fellowship. Tranql was a suite of apps to help diagnose and manage mood disorders.

### Founder, iheartcode

New Delhi, India — 2011 - 2012

Founded [iheartco.de](http://iheartco.de), a platform for learning to code online. It also featured a tool to create custom interactive lessons. The platform is now free of cost and the entire source code is publicly available.

## ENGINEER

### Frontend Engineer, VoiceOps

New York City, NY — Jan 2017 - Jun 2017

Full stack engineer for [voiceops.com](http://voiceops.com), a platform for transcribing and analyzing your team's sales conversations

### Frontend Engineer, Claco

Palo Alto, California — 2012 - 2014

Frontend engineer at [claco.com](http://claco.com), a platform for teachers to create and

share lesson plans.



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## OPEN SOURCE & RESEARCH

### Pipes.js

<http://pipes.js.org>

PipesJS includes an evolving bunch of modules of utilities and helpers for the upcoming web streams specification.

### lheartcode

<https://github.com/creatorrr/lheartcode>

lheartcode is an open platform for creating interactive lessons.

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

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

Verifying the proofs from section 3.1 of the paper Implementing Latency-Insensitive Dataflow Blocks using a theorem prover like Coq.

### Browser-bricks

<https://github.com/creatorrr/browser-bricks>

A browser pong inspired breakout game played using browser popup windows.

## PUBLIC SPEAKING

### 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, this is a talk about bipolar disorder and how it has influenced my life.

### Reverse-engineering purpose to resolve existential crises

[Thiel Under20 Conference](#) — Aug 2013

In this talk, we come up with a strong framework to understand what it truly means to have a 'purpose' and whether we should even bother having one.

### Startup Grind

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

Founding a startup is a rewarding and challenging experience. This is a

Q&A style talk focused on what I have learned from my experiences as an entrepreneur.



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## EDUCATION

### Delhi Public School, RKPuram

Sr Sec School Certificate in Sciences — 2009-2011

### Wynberg Allen School, Mussoorie

Sec School Certificate in Basic Sciences — 2006-2009

### Columbia University

Physics & Philosophy — Batch of 2021

## FELLOWSHIPS

### Thiel Fellowship

San Francisco, Program Fellow — 2013-2015



### Recurse Center (formerly Hacker School)

New York, Program Fellow — Winter 2015



### Mozilla WebFWD

Mountain View, Program Fellow — Summer 2012



## SKILLS

Proficiency

