

Phil Dhingra

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Intro

I'm a Sr. Software Developer looking for contract work as a Machine Learning Engineer or full-time work as a Research Engineer.

Code Samples

Award-winning entry on Kaggle

- <https://kaggle.com/code/philipkd/inference-with-secondary-labels-0-995/>
- <https://colab.research.google.com/drive/1We8KBbEr9qLt82E0R5yLmPgj88lCZEEA>

1st-place out-performer on Kaggle

- <https://kaggle.com/c/abstraction-and-reasoning-challenge/discussion/234352>

Education

Mathematical and Computational Sciences Bachelor's from Stanford

- Named a President's Scholar
- Author of "Evolution of Simple Intelligence Distribution in Artificial Organisms," which was published in *Genetic Algorithms and Genetic Programming*

Work History

Founder, Titan Seal — est. 2017

- Awarded a patent for blockchain-based land records and marriage certificates:
<https://patents.google.com/patent/US11138590B2>
- Solved scaling challenges with Ethereum, Ruby on Rails, and Amazon EC2 to create a reliable service endpoint, which generates extra revenue for U.S. government agencies

Founder, Landemic — est. 2019

- Built a virtual land product in React and Solidity on Ethereum before modern frameworks existed for mixing those technologies
- Solved novel blockchain scaling and network synchronization issues using EC2s and Python
- Conceived, launched, and sold the company all in the same year

Principal and Sr. Software Developer, Bound Labs — est. 1998

- Co-author on a patent for improvements to search engines and location-based queries:
<https://patents.google.com/patent/US10956457B2>
- Reproduced a machine learning research paper in Jupyter and Pandas for Waterloo University
- Built a novel point-set registration engine for a 3D photo-sharing app when no frameworks existed yet — 2011
- Developed an OpenGL-based 3D engine for iOS when no frameworks existed yet — 2008
- Built iOS and web apps for 40 clients where I was typically the sole coder, designer, and product manager, taking apps from idea to shipping.