

## Contact

[www.linkedin.com/in/omri-fried-86a724b6](https://www.linkedin.com/in/omri-fried-86a724b6) (LinkedIn)

## Top Skills

Python (Programming Language)  
C++  
Computer Vision

## Languages

English (Native or Bilingual)  
Hebrew (Native or Bilingual)  
Spanish (Limited Working)

## Publications

Extreme Energy Absorption in Glassy Polymer Thin Films by Supersonic Micro-projectile Impact  
Projectile Impact Shock-Induced Deformation of One-Component Polymer Nanocomposite Thin Films  
Extreme Plastic Deformation of Glassy Polymer Thin Films at Ballistic Strain Rates

# Omri Fried

Senior Platform Architect and Engineer at Cavnue  
San Francisco, California, United States

## Summary

+ Languages: Python, C++, SQL, Java, C  
+ OS: Linux, MacOS  
+ Frameworks, Tools, & Packages: Git, PyTorch, OpenCV, NumPy, Pandas, Scikit-Learn, Matplotlib  
+ Project Tools: GitHub, Trello, Jira

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## Experience

### Cavnue

3 years 8 months

#### Senior Platform Architect and Engineer

March 2023 - Present (1 year 11 months)

#### Senior Machine Learning Engineer

January 2023 - March 2023 (3 months)

#### Machine Learning Engineer

June 2021 - January 2023 (1 year 8 months)

San Francisco Bay Area

### Accenture

2 years 2 months

#### Business Strategy Consultant

December 2018 - May 2019 (6 months)

San Francisco Bay Area

+ Worked as the lead data scientist for the Google for Education team within Cloud Marketing and Sales  
+ Led one-on-one meetings with the Heads of North America and EMEA Marketing to define strategic roadmaps based on marketing and sales data  
+ Conducted in-depth statistical data analyses to optimize engagement efforts based on customer journey analyses and provided business insights.

#### Senior Strategy Analyst

April 2018 - December 2018 (9 months)

## San Francisco Bay Area

### Strategy Analyst

April 2017 - April 2018 (1 year 1 month)

San Francisco, California

### Rice University

3 years

#### Polymers Researcher - Thomas Research Group

October 2014 - December 2016 (2 years 3 months)

Houston, Texas

+ Worked in Dr. Edwin Thomas' Research Group

+ Analyzed the mechanical properties of novel polymers via laser induced ballistic experiments

#### Nanomaterials Researcher - Ajayan Research Group

January 2014 - September 2014 (9 months)

Houston, Texas

### Boeing

#### Research and Technology Materials Engineer Intern

June 2015 - August 2015 (3 months)

Long Beach, California

### CollabRx

#### Analytics Intern

January 2012 - June 2012 (6 months)

Palo Alto, California

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## Education

### University of Southern California

Master of Science - MS, Computer Science · (2019 - 2021)

### Rice University

Bachelor of Science (B.S.), Materials Science and

Nanoengineering · (2012 - 2016)