

Frederick C. Dopfel

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Work Experience

LG Technology Ventures

Santa Clara, CA

Principal

December 2022-Present

LG Tech Ventures is the corporate VC arm of the LG Group with over \$850M Assets under Management, founded to invest and partner with startups relevant to LG's core businesses

- Generalist investor, with focus on AI (hardware and software), deep tech, and consumer IoT
- Thought leadership and thesis planning to C-levels at LG business units
- Deal team on Tenstorrent (AI Hardware), Solid state battery company and facilitated strategic partnerships
- Sourced and introduced (signed) strategic deals with MagicYard, Lil Snack

Web 3

San Francisco, CA

Investor, Advisor, and Consultant

March 2022-December 2022

VC Investor, Builder, and startup advisor in Blockchain technologies

- Building, evaluating, and advising projects on L1 and alt-L1 chains
- Designed a 12 week accelerator curriculum covering general and web3-specific lessons
- Led developer-focused thought leadership and networking events
- Facilitated business development between leading L1 chains and early stage startups

CPP Investments

San Francisco, CA

Senior Associate

January 2021-March 2022

CPP Investments manages over \$500B in assets for the Canadian Pension Plan and is one of the world's largest investors in private equity. The San Francisco office aims to invest in and alongside top venture capital funds.

- Responsible for identifying future technology disruptions and themes, recommending changes to protect portfolio companies, updating investment strategies, and improving operations and fund competitiveness
- Build and leverage professional networks to gain access to privileged deal flow and subject matter experts
- Raise the profile of CPP Investments in the Bay Area and west coast through events, thought leadership, and investment roadshows

Grishin Robotics Venture Capital

Menlo Park, CA

Senior Associate

July 2018-December 2020

Grishin Robotics is a consumer-focused VC fund investing at the intersection of bits and atoms

- Generated deal flow, conducted due diligence, and performed market research
- Special focus on AR/VR, gaming, AI, wellness tech, productivity software, and consumer IoT
- Thought leadership through planning large monthly community events, writing blog posts, and publishing articles externally
- Deal team on Rogue Games, Taskade, Ziva Dynamics (9x returns), Club Feast

Samsung Venture Investment Company

Menlo Park, CA

Associate

November 2015-June 2017

Samsung Venture Investments is the corporate VC arm of Samsung Electronics with over \$1.7

billion under management, founded to invest in technology startups that advance Samsung's strategic interests

- Generated deal flow and performed diligence on companies of strategic interest to Samsung
- Designed roadmaps and reported weekly to Chief Strategy Officer of Samsung Electronics
- Special focus on deep tech including AI, VR/AR, Blockchain, semiconductors, advanced materials, quantum computing, and autonomous vehicles
- Deal team on Oculii (5x) and Plume Wi-Fi (20x)

Strategic Business Insights (formerly SRI Business Consulting)
Consultant

Menlo Park, CA

October 2014-November 2015

Senior Research Analyst

January 2013-September 2014

Strategic Business Insights is a global strategy consulting firm providing forward-looking guidance to Fortune 500 corporations based on emerging technology research and market developments

- Monitored opportunities in mobile communications, micro-sensors, and micromachining technologies
- Managed consulting projects including market research, scenario planning, and opportunity discovery for governments and major consumer electronics, automotive, and infrastructure companies
- Key consultant in display technology, home automation, and autonomous vehicles projects

Research Experience

January 2010 – December 2012

- Berkeley Sensor and Actuator Center - Designed and fabricated microfluidic “leaf” energy scavengers using a variety of materials and presented work at industry symposium
- Italian National Nanotechnology Laboratory – Designed and fabricated a variety of biomimetic three-axis capacitive touch & flow sensors
- Lawrence Berkeley National Lab - Fission research project for “dirty bomb” detection

Education

Stanford University—School of Engineering

September 2016-June 2018

Master of Science in Management Science & Engineering

Technology and Engineering Management Concentration

Stanford Student Space Initiative – High Altitude Balloon and Spaceshot Team

Stanford Robotics Club – Mars Rover Team (competed for Mars Society International Rover Challenge 2018)

University of California, Berkeley—College of Engineering

September 2008 - December 2012

Bachelor of Science in Engineering Physics

Minor: Electrical Engineering & Computer Science (EECS)

President, Epsilon Pi (Engineering Physics Honors Society)

President, Society of Engineering Sciences

Vice President, Berkeley Nanotechnology Club

Cal Alumni Association Leadership Award

Miscellaneous

Startup mentor at Stanford Lean Launchpad, Volunteer judge at UC Berkeley Launch Accelerator

Programming / building robotics, IoT, and AI-enabled devices: see more at freddydopfel.com

Eagle Scout, Boy Scouts of America