Frederick C. Dopfel

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Work Experience

Grishin Robotics Venture Capital *Menlo Park, CA*
Senior Associate *July 2018-Present*

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 leading monthly events, blog posts, and publishing articles externally
- Startup Mentor at Stanford Lean Launchpad
- Deal team on Rogue Games (Board Observer), Taskade, Ziva Dynamics

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
- Market and technology research in AI, VR/AR, Blockchain, and autonomous vehicles
- Deal team on Oculii, Plume Wi-Fi, and Wave Computing

Strategic Business Insights (formerly SRI Business Consulting) *Menlo Park, CA*
Consultant *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

Research Experience *January 2010 – December 2012*

- Berkeley Sensor and Actuator Center Designed and fabricated microfluidic energy scavengers
- Italian National Nanotechnology Laboratory 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

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

Prototyping / Programming with Arduino, Particle, Raspberry Pi
Programming in Android, Java, MATLAB, SQL, R, and Python, VR with Unity and Unreal
Eagle Scout, Boy Scouts of America
Artpoint Advisory Council, Fine Arts Museums of San Francisco
Projects and publications listed at freddydopfel.com