

## EXPERIENCE

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**EPIRUS, INC.** Los Angeles, CA  
*Co-Founder and Chief Operating Officer* 2018 - Present

- Co-founded venture-backed startup specializing in agile development of advanced defense systems against drones.

**AMA CAPITAL MANAGEMENT, LLC** Los Angeles, CA  
*Principal and Founder* 2005 - Present

- Founded quantitative hedge fund that develops proprietary software for algorithmic trading.
- Manage and contribute to C++ and Python coding projects and oversee all business and regulatory functions including accounting, payroll, legal, and recruiting.

**GOOGLE, INC.** Venice, CA  
*Senior Software Engineer (Tech Lead), Machine Intelligence/Visual Search, Chrome* February 2013 – August 2016

- Built and improved machine learning evaluation pipelines for computer vision (C++).
- Tech Lead for new Chrome OS and web apps including Weave IoT and Google Photos (JavaScript, Python, and Java).

**BOSTON HEALTH ECONOMICS, INC.** Boston, MA (remote)  
*Senior Software Engineer and Data Scientist* September 2012 – January 2013

- Software engineering, UX design, and business strategy work for healthcare consulting company.
- Completed two major external client analysis projects (which will be submitted for publication) using Java, Hadoop map-reduce, SAS, R, and Ruby and contributed to web-based data mining infrastructure for new project automation.

## EDUCATION

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**STANFORD UNIVERSITY** Stanford, CA  
*M.S., Management Science and Engineering, Certificate in Manufacturing and Product Creation* June 2006

*B.S., Computer Science*

*Design Thinking Bootcamp at d.school and Graduate School of Business* July 2012

- GPA: 4.02. Phi Beta Kappa, 2005. Terman Award for Excellence in Engineering (top 5% engineers), 2006. Tau Beta Pi (engineering honors), 2004. President's Scholar (top 4%), 2002-2003.
- Managed \$10 million student government endowment and team of 25 employees (2004-2006).
- Residential Computing Coordinator: administered computing resources and taught classes to over 120 (2003-2006).
- Internships at Goldman Sachs (2005) and Wells Fargo (2004). Accelerated client reporting process by 5X by fully automating reporting software infrastructure.

**UCLA ANDERSON SCHOOL OF MANAGEMENT** Los Angeles, CA  
*M.B.A., Full-Time Program, Entrepreneurship Certificate, Easton Technology Leadership Program* June 2012

- Edward W. Carter Fellow (top 2%). Venture Fellow. Dean's Scholar. Full merit scholarship. YPO Fellowship Award (top entrepreneur). Sedgwick Award (top thesis). Waived all core classes. GPA: 3.9. GMAT: 770.
- Founded Ridacto, a legal technology start-up focusing on NLP. Won UCLA Business Plan Competition. Raised \$105,000 from angels and LaunchpadLA. Launched product with PHP CodeIgniter, MySQL, and CouchDB on EC2.
- Summer internship in Product at BetterWorks, an online employee rewards platform start-up. Designed UX for 12 fulfillment and engagement features. Reengineered salesforce.com usage to speed up customer onboarding by 10X.

## ADDITIONAL

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- Languages: Fluent in English, Russian, French, and Spanish. Conversational Italian.
- Computing: C/C++, Java, JavaScript, Python, Django, Ruby, UNIX/Linux, MySQL, HTML, and CSS.
- Finance: Series 3 and 65.
- Valedictorian, Most Outstanding Awards in Econ. and French, Harvard-Westlake School, 2002. SAT 1520/1600.
- Publications: American Journal of Physics (top educational journal) research article on fluorescent lamps (2003).
- Community service: American Academy of Dermatology Volunteer Camp Counselor (Summer 2012). Reading to Kids (2006 – Present). President of Homeowners' Association, brought HOA out of bankruptcy (2010 – 2014).
- Interests: Magic (Magician Member of Magic Castle), archery, scuba diving, nature photography, DJing, and reading.