

KOSTA GRAMMATIS

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Has spoken publicly, appeared on international television, built satellites, written for print, photographed professionally, pursued biology engineering and chemistry, backpacked internationally, and run numerous businesses. He moves across disciplines and has no fear of exploring the unknown, in fact—it's where he feels most comfortable.

WORK EXPERIENCE

A Human Right.org: CEO & Founder

2009 – Current; Berlin Germany, San Francisco, Montreal Canada

- + Leading a global team of over 30 volunteer thinkers, innovators, and engineers in various disciplines to accomplish the goal of granting internet access to the world at very low cost.
- + Received seed funding from Deutsche Telekom.
- + Board of advisors & Liaisons: Noah Samara, Founder XM Radio & 1WorldSpace; Pete Worden, Director NASA Ames; Nigel Seale, Founder Earth Day International; and more...

Gidget Lab: CEO & Founder

2009 – Current; International

- + Company designed to provide technical services to companies and individuals Core competencies: Web Design, Electrical and Mechanical Design, collaboration with artists, research, and analysis.

Eyeborg Project: CTO & CoFounder

2009 – Current; Toronto Canada & Scotland

- + Led the design of a camera enabled prosthetic eye used as a film making tool.
- + Consulted with industry leaders and experts to utilize/develop the latest in miniature CMOS, battery, and RF technologies.
- + Brought together and led an international team of engineers to solve complex engineering problems.
- + Awarded TIME Magazines Best Inventions of 2009, The project has also been featured in Wired, New Scientist, and other various scientific publications.

Space Exploration Technologies (SpaceX): Avionics Systems Engineer

2008 – 2009; Hawthorne California

- + Designed a micro communications satellite and ground support equipment to test the capabilities of using the Iridium Communication Satellite network from space. The project is currently in orbit.
- + Tasked with a broad range of duties encompassing: mechanical, electrical, thermal, systems, wiring, RF Systems, team management, and website design.
- + Coordinated and assisted in a diverse range of projects: Lithium Polymer battery design, first stage recovery tracking and support system, thrust vector control actuator, avionics bay layout and systems integration, EMI testing/shielding, RF thermal management, and mission control and recovery operations.

World Class Manufacturing: Machinist, designer, & Shop Manager

2005 – 2006; Chatsworth California

- + Designed assemblies and components using industry standard software; Implemented tooling and fixturing techniques and practices. Proficient on CNC lathes and mills.

EDUCATION

California State University Channel Islands

2003 – 2007 Bachelors Degree: Liberal Studies, concentrated option: English, Art, Engineering

Remote Aerostat Based Data Acquisition and Air Sampling System for Atmospheric Research

- + Received a \$14,000 research grant to build an air sampling system and adjunct support systems for high altitude research.
- + Project required competencies in: CNC machining, electromechanical design, CAD design, pneumatic systems, WiFi, embedded systems, aeronautics and avionics, PCB fabrication and design, software development in C++, project management, extensive proposal and research write-ups, communication, social and persuasive skills.
- + Project awarded 1st and 2nd place in engineering and computer science at the statewide CSU research competition.

STT (spinning tube in tube) Reactor Collaborative Research

- + Designed an inert atmosphere magnesium pulverizer and reactor for constant synthesis of highly pyrophoric Grignard reagent to be used in conjunction with ongoing STT Reactor research.
- + Competencies: Triple lipped seals, stepper motor control, high tolerance linear motion systems, working with analytical chemistry tools such as HPLC and GCMS, and inert gas handling systems.

CNC Plasma cutter operator and workspace manager

- + Assembled, programmed, operated, and maintained a CNC plasma cutter for the CSUCI art department.

Other activities

- + Artist: photographer, kinetic sculptor, writer, and classical guitarist. Works performed and displayed in numerous art shows.
- + Residence Hall Association, President, 2003-2004 & Physics Club, Vice President, from 2005-2006

INTERNSHIPS/VOLUNTEERING/CONFERENCES

2010 – **Bertelsmann Foundation Opportunities in Crisis Conference**, Blogger; Washington DC
2008 – **Survival Research Laboratories (SRL)**, Volunteer for the high tech art group, San Francisco CA
2008 – **XPrize Incentive to Innovate conference**, Blogger; NYC, NY
2008 – **Haley House Soup Kitchen**, Volunteer; Boston, MA
2008 – **Weekly Dig magazine**, Journalist; Boston, MA
2008 – **VentureBeat.com**, Freelance Writer
2006 – **Justin.tv**, Consulted on backpack design, San Francisco, CA
2006 – **Amgen**, Internship with fortune 500 company on HPLC systems, Camarillo CA
2005 – **World Class Manufacturing**, Machinist Internship

SPEAKING ENGAGEMENTS

2010 – TEDxAthens, Greece
11/26: --TBD--
2010 – National Space Societies Space Development Conference, Chicago USA
5/22: Spoke about the impact of satellite internet access for developing countries
2009 – Hacking At Random, Amsterdam Netherlands
Spoke on the making of the Eyeborg Project for a technical audience
2009 – Palomar 5 Summit, Berlin Germany
Shared a model for global Internet access for an audience of industry leaders

TELEVISION, FILM, AND PRINT INTERVIEWS

2010 – **Palomar 5 The Movie**; 1/2: Movie funded by Deutsche Telekom, shared insights on the future of telecommunication
2009 – **Echt Nicht!**; 10/22: Comedy skit/Interview for Dutch television, Eyeborg
2009 – **Fox News, America's Newsroom**; 3/5: Interviewed by Bill Hemmer, Eyeborg
2009 – **Discovery Channel, Daily Planet**; 3/24: Presented the Eyeborg Project for a short segment
2009 – **City TV, Canada**; Outlined technology behind Eyeborg Project
2009 – **Print & Web, All Eyeborg**
[Reuters](#), [AP](#), [TIME](#), [FOX](#), [ABC](#), [MSNBC](#), [CNN](#), [The Washington Post](#), Jimmy Fallon, [The Today Show](#), [Slashdot](#), [IEEE](#), [IET](#), [Wired](#), [New Scientist](#), [Popular Science](#), [H+ Magazine](#), [Next Nature](#), [Kurzweil AI](#), [BME Zine](#), Bizarre, [Boing Boing](#), [Huffington post](#), [Yahoo](#), [CNET](#) Worldwide: [Canada](#), [Australia](#), [China](#), Japan, Germany, and Holland.

Awards and Recognitions

2009 – **TIME Magazine best 50 Inventions of 2009**; Featured in the magazine and online for work on The Eyeborg Project
2009 – **“Parle-moi d’amour” Love Letter Competition, Winner**; Work published in a book entitled: “Mille mots d’amour.”
2007 – **California State University Research Competition, 1st Place**; statewide for work done on “The Balloon Project”
2006 – **California State University Research Competition, 2nd Place**; statewide for work done on “The Balloon Project”
2005 – **Talking Dolphins Speech and Debate Tournament, 1st, 2nd, and 3rd place**; Awarded in various categories

MEMBERSHIPS

Palomar 5 Innovation Camp & Social Experiment

2009; Berlin Germany

- + Lived in a six week social experiment in Berlin with 30 other participants. Goal: determine what the future of work look liked.
Funded by Deutsche Telekom & BMW.
- + Designed a global network to enable Internet access for those who don't have it, presented findings.

Sandbox-Network

2009; New York City New York & Zurich Switzerland

- + Active member of the invitation-only “Entrepreneurs Under the Age of 30” Sandbox Community