

# A 20-year career of firsts

From research to commercialized, mass-produced products — across consumer electronics, robotics, IoT, medical and automotive. A selection of milestones over the past two decades.

## Selected milestones

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- **1992**  
Nominated best young European programmer.
- **1995** INDIANA-PURDUE UNIV.  
First 3D root-canal digital reconstruction & visualization via VR goggles.
- **1996**  
M.S. in Robotics — autonomous model car.
- **1999** PH.D. THESIS  
First fully digital video-surveillance system.
- **2004** LOGITECH  
First solid-state VGA digital video recorder.
- **2007** LOGITECH  
First single-chip megapixel USB 2.0 webcam.
- **2010**  
Haas MBA competition finalist; “Best of Google App” — first car-accident / human-fall detection app.
- **2011** LOGITECH  
First Google TV set-top box.
- **2012** INTENTIONIS  
First multi-modal, context-aware, cross-mobile-platform IoT sensor SDK.
- **2015** QUALCOMM  
First aerial-robotics / integrated drone platform (“Snapdragon Flight”).
- **2016**  
First truly portable / convenient health-record device.
- **2017** SAMSUNG  
Autonomous-driving end-to-end vehicle platform.
- **2017** AGOA  
Airline Ground Operation Assistant — first AI companion for airline ground operations.
- **2017** REEDCAM MEDICAL  
3D reconstruction & cancer detection via the first fully disposable endoscope.
- **2020** IF DESIGN AWARD  
iF Design Award for an intelligent automotive smart headrest.
- **2024** AIC · MYJOKES.AI  
Founded AIC — “Annoying Is Caring” in late 2024: a generative-AI humor platform that writes, ranks and crowd-votes original jokes.

SELECTED WORK

# Hardware, software & ventures

From boards and prototypes to apps, AI assistants and a venture of my own.



Digital video-surveillance DSP board · Ph.D.



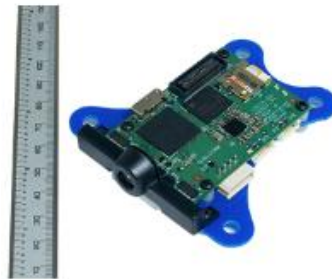
Single-chip megapixel USB webcam · Logitech



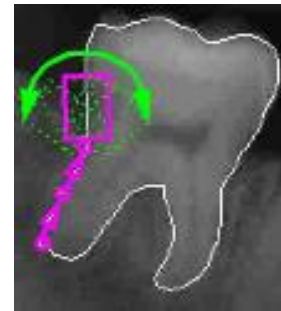
Autonomous-driving compute platform · Samsung



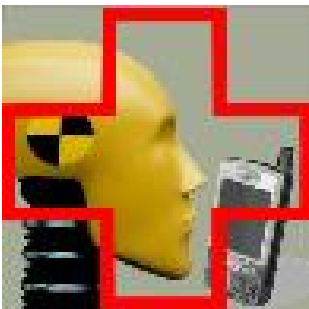
Autonomous model car · M.S. Robotics



Aerial-robotics board (Snapdragon Flight) · Qualcomm



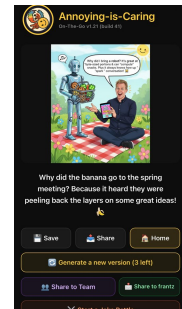
3D root-canal reconstruction & visualization · Indiana-Purdue



Car-accident / fall-detection app · “Best of Google App”



AGOA — AI assistant for airline ground operations



AIC — “Annoying Is Caring” mobile app · myjokes.ai