

Jason Wright

Electrical / Embedded Systems Engineer

Contact

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Brooklyn, NY

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Skills

circuit design
schematic capture
PCB layout
embedded systems
firmware development
RTOS development
sensor characterization
hardware debug
embedded linux
algorithms
signal processing
data analysis
databases
web development
robotics
computer vision
3D printing

Tools

C/C++
Python
Java
MATLAB
JavaScript
Qt
Arduino
ARM assembly
TI/MSP430
Nordic/nRF5x
Atmel/AVR
Verilog

Interests

healthcare & medical
environmental sensing
image sensing
smart cities
music

Experience

1/2016–present **MedicaSafe** Electrical Engineer
New York, NY

Lead electrical engineer for a medical device startup. Responsible for circuit design, PCB layout and manufacturing, and embedded firmware development for multiple products.

7/2013–12/2015 **Intel Corporation** Systems Engineer / Design Technologist
Santa Clara, CA / London, UK

New Devices Group: primary systems engineer on various prototype and proof-of-concept devices, focusing on Intel's emerging products in embedded and wearable computing.

Intel Labs: design technologist for the Sensors and Actuators Technology group and Intel Collaborative Research Institute in London, focusing on low-power analog front-end circuits, bioelectronics, and air quality sensing.

Platform Engineering Group: developed camera image quality algorithms and sensor characterization processes for Bay Trail mobile platforms.

2012–2013 **Cornell University** Teaching Assistant
Ithaca, NY

ECE 4760: Designing with Microcontrollers

ECE 3400: Electrical & Computer Engineering Practicum

2012 **Next Jump** hackNY Fellow
New York, NY

2011 **Barclays Capital** Summer Technology Analyst
New York, NY

2009-2010 **Assured Systems** Technology Intern
Yonkers, NY

Education

2013 **M.Eng., Electrical & Computer Engineering** Cornell University

Concentration: embedded systems & optoelectronics

Design project: *Portable light-field camera utilizing an angle-sensitive pixel imager*

2012 **B.S., Electrical & Computer Engineering** Cornell University

Activities: Cornell Speech & Debate Union, Cornell University Sustainable Design, wind ensemble