

# Jason Wright

Electrical / Embedded Systems Engineer

## Contact

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## Skills

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

## Languages

C/C++  
Python  
Java  
MATLAB  
JavaScript  
Qt  
Arduino  
Verilog

## Chipsets

TI/MSP430  
Nordic/nRF5x  
Atmel/AVR  
STM32

## Interests

healthcare & medical  
environmental sensing  
image sensing  
smart cities  
music

## Experience

- 3/2019–present **Feinstein Institute for Medical Research** Electrical Engineer  
Manhasset, NY  
  
Research engineer developing novel neuromodulation devices.
- 1/2016–2/2019 **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  
  
As a Systems Engineer in the New Devices Group, developed various prototype and proof-of-concept devices, focusing on Intel's emerging products in embedded and wearable computing. As a member of the Rotation Engineering Program, worked in Intel Labs (focusing on low-power analog front-end circuits, bioelectronics, and air quality sensing) and the Platform Engineering Group (where I 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  
  
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