



## BEN OLAYINKA

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### OVERVIEW

Masters in embedded/autonomous systems, but I love non-technical, people focused work as well. In addition to plenty of coding projects, for the last two years, I've run a meetup called Interesting Talks Berlin, bringing talented creatives together with those interested in learning new skills. My technical expertise is designing microcontroller based data collectors and interactive devices, and I've made some fun little robots and simple augmented reality games. I also love coaching, and I've worked part time for a design agency in Berlin teaching teams to build trust and innovate effectively together. I'm an experienced team leader and have scored well in business challenges through the European Institute for Innovation and Technology. I try to bring a friendly, can-do attitude, a hard work ethic, and an approachable, highly communicative spirit to work every day.

### EXPERIENCE

2020-PRESENT

The Things Industries

*Amsterdam, NL*

TECHNICAL CONTENT / DOCS / FRONTEND

- Design, frontend, CI for documentation website (Hugo)
- How to videos, blog content, and technical documentation
- Implement basic frontend features in React

2019-2020

Teenage Engineering

*Stockholm, SE*

THESIS WORK / FREELANCE PRODUCT DEV - LOW POWER DSP SYSTEMS

- Thesis project to rapidly estimate DSP power consumption from c++ source
- New product prototyping - schematic, layout, and FreeRTOS embedded sw on Arm Cortex

2018-PRESENT

Interesting Talks

*Berlin, DE*

ORGANIZER

- Organized speakers from INFARM, Ableton, Adidas, School of Machines, Making, and Make Believe, more..
- Connecting those with "dream jobs" with students and creatives looking for advice and mentorship

2017

The SaaS Company

*Berlin, DE*

PYTHON BACKEND DEVELOPER

- Develop language processing software to infer tone, sentiment, natural language understanding
- Curate newsletter articles, develop blog content

2014-2016 Raytheon Tucson, AZ  
CIRCUIT CARD ASSEMBLY PRODUCTION ENGINEERING AUTHORITY

- Diagnose electrical circuit failures, perform life cycle improvements and develop diag tests

## EDUCATION

2017 - 2019 TU Berlin / KTH Stockholm Berlin + Stockholm

- Double Master's in Embedded Systems (CS) under Information Communication Tech Innovation umbrella
- Minor in Business Innovation
- Finalist in European Innovation & Tech "startup challenges," developing business models around tech innovation

2011 - 2014 Northern Arizona University Flagstaff, AZ

- Graduated May 2014 – B.S in Electrical Engineering with focus in Computer Engineering
- 3.84 Cumulative GPA
- Golden Eagle Scholar-Athlete and Dean's List – Fall 2011 through Spring 2014

## SKILLS

### DESIGN + DEVELOPMENT

- Published open source Arduino libraries to interface with Kassa printers, coin acceptors, RFID tags for autonomous installations
- Created FPGA/uC based augmented reality pool game, using object tracking to play virtual pool
- Developed microelectronic charge control for portable wind turbine solution for those without access to grid
- Proficient in C, C++, Python, Lisp, comfortable with Assembly, not terrible with JS
- Programmed extensively for TI MSP430, Arm Cortex, Arduino/Atmega, Motorola 68k, Mindstorms NXT
- <https://github.com/benolayinka/>

### LEADERSHIP, ORGANIZATION, TEAM MANAGEMENT

- Four year Varsity College Basketball Player, tutored fellow student-athletes in Math and Engineering courses
- Former Peer Mediator, guiding conflict resolution between classmates
- Comfortable with both leading and following in group environment

## STRENGTHS

- Ability to see things from the design side and the customer/sales side, have worked in engineering, marketing, and written plenty of technical guidelines
- Ability to work in and manage teams – multidisciplinary engineering team experience, European Innovation and Tech business challenge finalist, innovation and culture coach, three year NCAA D1 athlete
- Taking concepts from inception to build, integration, test and rework, involved in every phase of design process
- Robust computer science, complex math, physics, electromagnetics, and English writing background
- Ready and excited to accept new challenges

## INTERESTS

- Avid record collector and music enthusiast
- Literature, mostly fiction!
- Automotive Design and Repair – SAE member and weekend mechanic

REFERENCES AVAILABLE ON REQUEST