

JEFF MBELEKE

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WWW.JEFFMBELEKE.ME

EDUCATION

UNIVERSITY OF NOTRE DAME

Master of Science

Major: Electrical Engineering

Concentration: Optimization and Controls

Notre Dame, IN
May 2016

UNIVERSITY OF AKRON

Bachelor of Science

Major: Electrical Engineering

Major: Applied Mathematics

Akron, OH
May 2013

TECHNICAL SKILLS

■ Python	■ C#	■ MS office suite	■ MATLAB\ Simulink	■ Linux\Unix Windows OS X
■ C\C++	■ Html\CSS	■ Latex	■ Git	■ PCB design

EXPERIENCE

TRADE BOOKS (www.tradebooks.co)

Outreach coordinator/front end developer

- Front end web development: **html and css**
- Outreach coordinator: Liaise feedback from campus ambassadors and users to developers

□ Telecommute
Sept 2015 – present

PHILIPS HEALTHCARE

Software Development Engineer Intern

- Maintained server build lists for Philips' CT line: including legacy products and new builds
- Wrote **C#** apps to run automated tests on CT scanners, reducing manual tests by 30%
- Took ownership of **defect management** in the image reconstruction team

□ Cleveland, OH
May 2011 – Mar 2013

UNIVERSITY OF AKRON SENIOR DESIGN PROJECT

Software Design Engineer

- Developed a real time data visualization platform in **python** for an array of wireless sensors
- Along with the data visualization interface, built a software based servo controller
- Participated in **circuit board prototyping** and debugging

□ Akron, OH
Aug 2011 – Feb 2013

UNIVERSITY OF AKRON

Tutor

- Managed a team of ten tutors; schedules, material, incidentals, evaluations and tutor development programs
- Tutored Economics, Algebra, Calculus I-III, Differential Equations, Probability and statistics, Circuits, Physics, Statics, Dynamics, Digital logic Design, Controls, Microelectronics and C programming

□ Akron, OH
Aug 2009 – May 2011

ACTIVITIES

WABRUDA (African American male society at Notre Dame)

- Hosted workshops to help participants develop and improve on their public speaking.
- Conducted outreach programs and community service for at risk youths to get them Interested in Math and science.

□ Notre Dame, IN
Aug 2015 – May 2016

NSBE (National Society of Black Engineers)

- Presentations on tech news. Sources ranging from IEEE publications to Engadget articles
- Tutored and mentored under-classmen in technically intensive engineering classes.

□ Notre Dame, IN
Aug 2015 – May 2016

Interco (A Facebook based world events forum)

Moderator

- Manage a group that discusses everything from effects of zika outbreak to Brexit on world economy

□ Telecommute
May 2011 - present

Requires no visa sponsorship to work in the US. No limits to relocation within the US.