

## MICAELA OSUJI

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296 N. Greenleaf St. | Gurnee, IL | 60031

### EDUCATION

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#### Harvard University

Cambridge, MA

*Degree in Engineering Sciences, Electrical and Computer Engineering (A.B.)*

May 2017

*Secondary in Computer Science*

Cumulative GPA: 3.5/4.0

### WORK EXPERIENCE

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#### E.H. Wachs / Orbitalum

Lincolnshire, IL

*Electrical Engineering Intern at Illinois Tool Works company, Orbital Cutting and Welding division*

June – Aug. 2016

Designed and delivered a testing station for power supply circuit boards, a prototype of an orbital weld head battery-adapter for trade shows, and a cost model for an equipment-leasing pilot program.

#### Parsimotion

Buenos Aires, Argentina

*FrontEnd Web Development Intern with startup through Sage Corps (in Spanish)*

June - Aug. 2015

Created a mobile-friendly frontend and website template for their existing web services.

#### Harry Elkins Widener Library

Cambridge, MA

*Circulation Staff*

Dec. 2013 - May 2017

Trained new employees in customer service and text digitization practices, and facilitated patron access to library resources.

### COLLEGE COURSEWORK

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*Software Engineering Project*

May 2017

Developed a Ruby on Rails web platform for an on-campus delivery service. Managed weekly sprints with agile project management principles.

*Engineering Problem Solving and Design Project*

May 2016

Developed a MATLAB model to demonstrate the potential of smart-grid technology to mitigate the impacts of climate change on Harvard's campus.

*Joy of Electronics Project*

May 2015

Built a carnival game prototype using analog and digital data processing circuitry.

#### Relevant Courses

Aug. 2013 - May 2017

Software Engineering, Fundamentals of Programming (MIT), Systems Programming and Machine Organization, Introduction to Computer Science I & II, Computing Hardware

### EDUCATIONAL ACTIVITIES

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#### Kal Academy

Seattle, WA

*Student*

June 2017 - Aug. 2017

Participated in 12-weekend-long data structures and algorithms course, to sharpen technical problem solving skills. Developed language-agnostic and Python-specific strategies.

#### Schuler Scholar Program

Gurnee, IL

*Schuler Scholar*

June 2010 - present

Organized tutoring sessions at Warren Township High School to help students hack their math education. Engaged local elementary school students in afterschool team-building activities.

### SKILLS

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- Fundamental programming skills in: Python, HTML, CSS, Twitter Bootstrap, C, React
- Experience using: GitHub, MATLAB
- Fluent in English and Spanish