

# Sidney Nimako-Boateng

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## EDUCATION

### Carnegie Mellon University

Pittsburgh, PA — Bachelors of Engineering

PRESENT - May 2023

Pursuing an undergraduate degree in mechanical engineering and robotics with minors in design and computer science.

### Waubonsie Valley High School

Aurora, IL — Diploma

August 2015 - May 2019

## AWARDS & RECOGNITIONS

### Outstanding Citizenship Award

*The National Society of the Sons of the American Revolution*

April 2019

- "In recognition of the Highest Ideals of Character and Citizenship"

### 2019-2020 Illinois State Scholar

*State of Illinois*

January 2019

- Given to students academically in Illinois' top 10%

### Lauréat National, Mention Honorable x 2

*Le Grand Concours*

May 2017, May 2018 and May 2019

- National French language and culture test administered by the American Association of Teachers of French

## SKILLS

### Programming Languages and Frameworks

- Python, Java, HTML, Javascript, CSS, Dart, Flutter, SQL, C, C++, Node.js, React Native

### Operating Systems and Software

- Windows, Linux, Git, Blender, Fusion 360

### Languages

- English(Native), French (Proficient), ASL (Novice), Spanish (Novice), Japanese (Novice)

## EXPERIENCE

### Self Employed

Naperville, IL — *Programming Tutor*

July - August 2019

- Led 5 hours of instruction on python programming, web development and computer science fundamentals.

### ScrappyCars.com

Naperville, IL — *Freelance Developer*

August - December 2017

- Generated stylized templates used on > 1000 pages on the ScrappyCars domain.

- Wrote and deployed a python script to generate > 1000 pages and improve the SEO of the ScrappyCars domain.

### Fermilab

Batavia, IL — *Target Intern*

June - August 2017

- Designed and deployed web pages for the Fermilab global services website using Wordpress.

- Designed an SQL database for storage of data on laboratory visitors, improving the labs ability to monitor whom was on premises.

- Began development of a python application to interface Fermilab's training and security databases to improve laboratory safety.

## VOLUNTEER EXPERIENCE

### Ashley's Music Foundation

Naperville, IL — *App Developer*

May 2019 - August 2019

- Independently developed a cross platform app to provide elementary music education.

### Ghana Youth Research Initiative

Naperville, IL — *Curriculum Writer*

May 2019 - August 2019

- Produced resources and activities on math and other subjects for use in the program's curriculum.

## ACTIVITIES

- Chess Team (16-19)
- Robotics Team (15-19)
- PAGES Tutor (16-17)
- Link Crew(17-19)
- Hack Club (17-19)
- Violin (18-)
- Ukulele (18 -)
- Soccer