

# William Harris-Braun

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## Education

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**Haverford College, Haverford, PA**  
Majors: Computer Science & Linguistics

(Expected graduation: May 2022)

## Experience

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**Holo, International Locations**

(November 2017–July 2018)

*Customer Service Coordinator & other roles*

- Designed, built, and coordinated customer service department from the ground up.
- Co-managed \$1M fundraising project.
- Assisted software development and led UI design for the web interface used for Holo's successful ICO (initial coin offering) which went on to raise approximately €20M.
- Led detailed data analysis of ICO using spreadsheets to gather, interpret, and present information about participants, purchases, and trends.
- Developed chatbot which could respond to natural language requests in order to increase team efficiency.
- Produced graphics and wrote copy for successful \$1M Indiegogo campaign.
- Wrote, edited, and proofread technical documents, blog posts, official communications, and webpage copy.

**Harris-Braun Enterprises, East Chatham, NY**

(May 2019–August 2019)

*Developer*

- Built project management tools using HTML, CSS, JavaScript, React, Holochain, and Rust.

**Haverford College Maker Arts Space, Haverford, PA**

(September 2017–present)

*Staff Member*

- Oversee campus Makerspace, assist students with 3D printers and laser cutting
- teach Adobe Illustrator and Photoshop, soldering, 3D modeling in Fusion 360, Arduino, and circuits.

## Independent Projects

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**Air Quality Object — A passive display of air quality**

(January 2019–June 2019)

- Made CO2 sensor with Arduino and used Fusion 360 and 3D printing to design and produce case.
- Featured in the Haverford Alumni Magazine:  
<https://www.bluetoad.com/publication/?i=600416&ver=html5&p=15>

**The Ultimate Altimeter — A compact Arduino altimeter for RC planes**

(June 2014)

- Created a compact Arduino altimeter for RC planes with a 3D printed case, and a how-to guide which was viewed 88,000 times, recreated by at least 5 people, and featured by Instructables.
- <https://www.instructables.com/id/The-Ultimate-Altimeter-A-compact-Arduino-altimeter/>

**3D Printing — Various projects**

(September 2013–July 2014)

- Started and ran a small 3D printing business, printing parts for local and international clients.
- Moderated online community of 3,300 users which connects 3D printer operators to customers.
- Thingiverse profile: <https://www.thingiverse.com/qubist/makes>

## Skills

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**Programming languages:** Python, C++, Racket, Ruby, JavaScript, HTML/CSS, Rust, Arduino

**Digital design:** Fusion 360, 3D printer control software, Excel, Photoshop, Illustrator