William Harris-Braun

willharrisbraun@gmail.com

Education

Haverford College, Haverford, PA   **(Graduated May 2022)**
Major: Computer Science   Minor: Linguistics

Experience

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 Makerspace, Haverford, PA   **(September 2017–May 2022)**
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

Air Quality Object — A passive display of air quality   **(January 2019–June 2019)**
- Made CO_2 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

Programming languages: Python, JavaScript, Java, C++, Racket, Ruby, HTML/CSS, Rust, Arduino
Digital design: Fusion 360, 3D printer control software, Excel, Photoshop, Illustrator