CONNOR SHANNON

I'm currently seeking creative **product development opportunities**.

I believe the user experience is critical to the success of a product and am focused on bridging the gap between engineering, business, and design to create successful products.

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EXPERIENCE

Carnegie Mellon
Researcher/ Developer
Dec 2020 – May 2021

- Developed an annotation-based chrome extension API Documentation using React that led developers to perform 79% better than the control group on an API learning task.

DelawareMakes
Founder/Creator
Mar 2020 – Aug 2020

- Facilitated the production and delivery of over 3,000 3D Printed PPE to over 20 different medical and senior living facilities throughout Delaware.
- Created a platform using Flutter to coordinate these efforts.

Air Liquide Healthcare
Biomedical Engineer
Oct 2018 – Apr 2020

- Developed and tested new medical devices with an interdisciplinary team of engineers.
- Created device prototypes with Arduino and C++ and built a Graphic User Interface in Python to collect and analyze data from device testing.

PROJECTS

PA WIC (CMU Capstone)
Project Manager/Tech Lead
Feb 2021 – Current

- Led a five person team through the research, design, and development of a personalized chatbot and app prototype aimed at helping low-income families achieve their health and nutritional goals.
- Synthesized insights from over 100 interviews and usability studies to decide on product direction.
- Built and deployed an automated SMS chatbot using Firebase, Google Cloud functions, and Twilio.

Activist Platform (CMU)
Project Manager/Developer
Oct 2020 – Current

- Co-designed a platform for college activist organizations, using figma protoypes, that aims to maintain and deepen member engagement.
- Led a 4 person team in the development of the platform using React and Firebase and ran user tests with 10 organization members.

Remote HQ (CMU)
Developer
Oct 2020 – Dec 2020

- Developed a platform using React that enables remote teams to easily save, create, view, and share links, google drive files, and figma boards.

EDUCATION

Carnegie Mellon University
August 2021
Human-Computer Interaction, Masters Degree(MHCI)

University of Delaware
May 2018
Biomedical Engineering, Honors Degree (B.A.)

SKILLS

DEVELOPMENT

Languages: Javascript, Python, C++, Dart, Ruby, Java

Frameworks: React, Node.js, Flutter, Android, Flask, Ruby on Rails

Other: HTML 5/ CSS, Bootstrap, Firebase, Google Cloud, MongoDB, Google Analytics, Twilio, Webflow

USER RESEARCH

Methods: User Interviews, Contextual Inquiry, Usability Studies, Journey Mapping, Personas, Storyboards, Think-aloud

DESIGN

Tools: Figma, Adobe XD, Protopie, Miro, BotSociety, Final Cut Pro, Premier Pro