**Abigail Hart**

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**EDUCATION •••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••**

**UNIVERSITY OF MICHIGAN COLLEGE OF LITERATURE, SCIENCE, & ARTS - Ann Arbor, MI**

*B.S. in Computer Science, minor in User Experience Design; GPA: 3.6 August 2021 - May 2025*

***Relevant Courses****: D*ata Structures & Algorithms, Computer Architecture, Intro AI, Discrete Math, Human Perception, Cognition & Mental Processes, Web Design, Development & Accessibility, Computation and Justice

***Languages/Technologies****:* C/C++, Python, HTML, CSS, Javascript, SwiftUI, Flutter, Firebase, Figma, API Integration

***Interests:***Social impact and volunteering, avid reader, NYT puzzles, aspiring foodie, musical and concert frequenter

**EXPERIENCE ••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••**

**FRENN – Tel Aviv, Israel**

*UX Design Intern June 2022 – Aug. 2022*

* Conducted market & usability research on 100+ companies, guiding future rebrands within early-stage startup
* Spearheaded redesign of website and platform UI to focus on potential American investors & customers
* Collaborated with cross-functional teams and product users to implement accessible, user-centric solutions

**EECS 183; ELEMENTARY PROGRAMMING CONCEPTS – Ann Arbor, MI**

*Instructional Aide Aug. 2022 – Present*

* Taught a weekly lab for 40+ students on introductory CS concepts, held course-wide weekly office hours
* Managed team of 10, developed and hosted 15+ course-wide events for comprehension of 1200+ students
* Orchestrated redesigns of projects and exams, created and recorded exam reviews and concept review videos

**UNION FOR REFORM JUDAISM (URJ) CAMP HARLAM – Kunkletown, PA**

*Cabin Specialty Counselor, Early Childhood Specialty Counselor Summer 2021 - 2023*

* Mentored five bunks of 15 fourteen- & fifteen-year-old campers for 1 month each, facilitated personal growth
* Directed and scheduled 100+ staff in a week-long interdisciplinary competition program for 500+ campers

**PROJECTS •••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••**

**KTP Life WatchOS App**  *October - November 2023*

* Built a WatchOS app of companion iOS app through the Watch Connectivity Framework. Iterated a hi-fi wireframe and prototype in Figma, implemented in SwiftUI, and published the WatchOS app now used by 80+

**Course KonsultanTP**  *March - April 2023*

* Integrated OpenAI’s DaVinci API in Python to build chatbot to answer questions about and give summaries of UMich courses by parsing previous student reviews; won organization-wide Hackathon with it Winter 2023!

**KTP Rush App** *March 2022 - Present*

* Designed and coded Flutter and Firebase app used within student org by 200+ applicants and members every semester to help streamline recruitment process and track events & attendance, with over 1.1K downloads
* Formulated & conducted 15+ user research interviews to gather feedback to guide further redesigns of app

**EXTRACURRICULARS ••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••••**

**KAPPA THETA PI PROFESSIONAL TECHNOLOGY FRATERNITY**

*Vice President of Membership Sept. 2021 – Present*

* Redesigned and executed two phases of 15+ recruitment events total for 300+ students and 75+ members each
* Oversaw 20+ members throughout initiation semester, ensuring & organizing completion of 50+ required tasks

**CS KICKSTART**

*Industry Officer Aug. 2021 – Present*

* Organized annual selective programming bootcamp for 30+ participants of underrepresented backgrounds
* Connected with 20+ companies, collected sponsorships, arranged five company tours and two industry panels

**412 FOOD RESCUE**

*Volunteer Aug. 2016 – Present*

* Drove otherwise wasted food to community centers in need, assisted with food waste-related projects & COVID-relief school lunch distribution - Saved 48,084 Lbs. of food & 23,571 Lbs. of CO2 emissions to date