

JULIA G. PAPP

+1 781-698-9308 | jgp88@cornell.edu | www.linkedin.com/in/julia-papp

EDUCATION

Cornell University, College of Arts and Sciences

Bachelor of Arts in Computer Science

Ithaca, NY

Expected May 2025

Relevant Coursework:

- Functional Programming, Analysis of Algorithms, Machine Learning, Computer System Organization, Natural Language Processing, OO Programming & Data Structures
- Discrete Structures, Probability Models and Inference, Linear Algebra, Calculus I-III
- Digital Product Design, Human-Computer Interaction Design, Web Design and Programming

EXPERIENCE

Research Assistant | Comm. and Collaborative Technologies Lab | Cornell University

May 2023 - Present

- Accepted to C&CT research team with NSF funding, demonstrating expertise and potential in the field
- Applied iterative design thinking and performed rigorous testing to pinpoint areas for improvement in remote and hybrid communication and multilingual group dynamics
- Utilized user interviews as a powerful tool to effectively identify instances of misunderstandings in social intentions, enabling targeted intervention and resolution strategies

Teaching Assistant | CS2850 - Networks | Cornell University

Sept. 2023 - Present

- Conducted weekly office hours, offering individualized support to students in CS2850
- Provided constructive feedback on assignments and exams, ensuring fair and accurate grading
- Instructed students on the application of graph theory and game theory tools, enabling them to develop analytical frameworks for effective network analysis.

Product Designer | Hack4Impact

Sept. 2022 - Present

- Designer on Cornell's project team that aims to create products for nonprofits around the world
- Conducted user research to analyze and solve problems that nonprofits face with their current user interface
- Prototyped designs on Figma and worked with software engineers to launch products for nonprofit organizations

Teaching Assistant | CS4820 - Analysis of Algorithms | Cornell University

May - Aug. 2023

- Conducted weekly office hours, offering individualized support to students in CS4820
- Provided constructive feedback on assignments and exams, ensuring fair and accurate grading
- Facilitated a collaborative learning environment by guiding students through complex algorithmic concepts and problem-solving strategies

Research Assistant | Nexus Scholars Program | Cornell University

May - Aug. 2022

- Selected for Cornell University's Inaugural Cohort of Nexus Research Scholars to complete a full-time research program with a 10% acceptance rate Conducted literature reviews to create scales for the dependent variables
- Used statistics, text analysis, experimental design, and programming to set up the study
- Analyzed the research findings in JASP and Excel

PROJECTS

Improving Lagos Food Bank's UX | Product Design

Spring 2023

- Conducted user research with Lagos Food Bank volunteers to analyze and solve problems their users face
- Applied iterative design thinking and worked with software engineers to launch product
- Created a design system on Figma to ensure consistency across the platform

Pomodoro Timer | OCaml, VS Code

Fall 2022

- Developed a customizable Pomodoro productivity timer using OCaml
- Utilized OCaml GUI and procedural generation techniques to create an interactive user interface Integrated time installation functionalities to enhance the timer's accuracy and reliability
- Collaborated with a team of two other software engineers to successfully implement the project

Earth Law Center Admin Page | Product Design

Fall 2022

- Designed an admin page for a non-profit organization to enhance the user experience for the admins
- Lead weekly partner meetings to find the problem space, talk to users of the organization, and ideated solutions to better the user experience
- Prototyped the final flow and created a design-developer handoff

SKILLS

Languages: Java, Python, OCaml, Swift, SQL, JavaScript, R

Technologies/Frameworks Git, HTML/CSS, Atom, Eclipse, VS Code

UX/UI Tools: Figma, Blender, Spline, Photoshop