

Rethika Ambalam

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OBJECTIVE

Innovative Computational Media major passionate about the intersection of computer science, design, and business seeking a summer internship in a front-end or software engineering role.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing **Atlanta, Georgia**
Bachelor of Science in Computational Media *May 2026*
• Honors Program Student **GPA: 3.71**
• Relevant Coursework: OOP, Data Structures and Algorithms, Linear Algebra, Principles of Visual Design

UNIVERSITY OF TENNESSEE, Tickle College of Engineering **Knoxville, Tennessee**
Bachelor of Science in Computer Science *August 2022 - May 2023*
• University Honors Student, Clara Lauderback Ayers Scholar **GPA: 4.0**

PROJECTS

CULTURED **Atlanta, Georgia**
Developer *January 2024 – Present*
• Building the interface of an iOS application using Swift in a 3-person team
• Leveraging UI/UX principles to educate users about diverse cultures through engaging games and challenges

KEYS OF TIME ESCAPE ADVENTURE **Atlanta, Georgia**
Developer *November 2023 – December 2023*
• Directed a team of 4 to construct an immersive escape room simulation game using A-Frame, HTML, CSS, and JavaScript
• Oversaw project milestones, resulting in the timely delivery of a product that received positive feedback from users

YODA CHATBOT **Atlanta, Georgia**
Developer *October 2023*
• Collaborated with a 3-person team to design and implement a Chatbot with the personality of a Star Wars character named Yoda, bringing an entertaining and interactive dimension to a webpage
• Utilized OpenAI, HTML, CSS, JavaScript, and Node.js to develop the Chatbot and add creative elements into the project

EXPERIENCE

DesignsbyRethika **Atlanta, Georgia**
Founder *June 2020 – Present*
• Run a small business using online marketplaces to sell sticker designs and handmade greeting cards
• Educate over 100,000 monthly viewers with engaging Photoshop tutorials on Pinterest and TikTok, gaining valuable experience in marketing which resulted in a 20% increase in sales

Culturally Relevant Robotics (CRRAFT) Research Project **Atlanta, Georgia**
Research Assistant *August 2022 – August 2023*
• Fostered computational thinking in preschoolers from underrepresented communities in tech through the design of a code-and-go robot mouse kit, resulting in a 15% increase in child engagement

LEADERSHIP

Google Developer Student Club (GDSC) **Atlanta, Georgia**
Marketing Lead *September 2023 – Present*
• Design impactful marketing materials using Figma, resulting in a 10% increase in social media engagement
• Collaborate with Technical Leads to develop innovative workshop ideas for Georgia Tech students

SKILLS/INTERESTS

Technical: Java, C++, HTML, CSS, JavaScript, Python, Swift
Software: Adobe Creative Cloud, Figma, Canva, Microsoft Excel, Word, PowerPoint
Affiliations: Society of Women Engineers, Rewriting the Code (RTC), iOS Club, GT WebDev Club, GDSC
Languages: Sourashtra – fluent, English – fluent, Tamil – intermediate, French – basic