

Deekshitha Oku

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EDUCATION

New Jersey Institute of Technology

Newark, NJ

B.S. Computer Science | Minor: Design of the User Experience | GPA: 3.3/4.0

September 2024 – May 2027

- **Relevant Coursework:** Discovering User Needs for UX, Usability & Measuring UX, Designing the User Experience, Entrepreneurship, Database Design & Management, Probability & Statistics
- **Certifications:** IBM Product Manager Professional Certificate — IBM | September 2026

SKILLS

Product & UX: Product Strategy, User Research, Product Requirements, Roadmapping, Agile/Scrum, User Stories, Backlog Prioritization, Usability Testing, Figma

Data & Analytics: Python, Pandas, NumPy, Matplotlib, Machine Learning

Technical: JavaScript, React, Next.js, Git/GitHub, Zenhub, HTML/CSS

EXPERIENCE

President – Kids Who Code

May 2024 – Present

New Jersey Institute of Technology

Newark, NJ

- Grew membership by **90+ students** through a multi-channel outreach strategy spanning campus organizations, social media, student media, tabling, and community partnerships.
- Increased elementary-school participation by **30+ students** by collaborating with school stakeholders to identify parent outreach needs and launch targeted enrollment materials.
- Identified fragmented access to club resources and led development of a **centralized web platform** for curriculum, events, and organizational information.

Web Developer – SciQuel

June 2026 – Present

Nonprofit Science Media Organization

- Contribute to the development and improvement of a React/Next.js science media platform, implementing responsive UI enhancements and resolving mobile usability issues.
- Collaborate with developers to troubleshoot issues and deliver frontend improvements through Git/GitHub workflows.

Research Assistant – Virtual and Augmented Interfaces

September 2024 – December 2025

NJIT Ying Wu College of Computing

Newark, NJ

- Researched user interaction with AI-assisted learning experiences in AR/VR environments and analyzed behavioral data to evaluate usability.
- Collaborated on prototype development and experimental design, translating research findings into improvements for immersive educational experiences.

Co-Manager – MPTC Mentorship Program, NJIT Robotics Club

June 2025 – Present

New Jersey Institute of Technology

Newark, NJ

- Lead NJIT volunteers in delivering weekly STEM mentorship and developing Arduino/Micro:bit curriculum for middle and high school students.

PROJECTS

QuietAid – Privacy-Preserving Scholarship Platform | [Devpost](#)

MLH Midnight Hackathon, August 2026

React, Node.js, MongoDB, Midnight

- Collaborated with a hackathon team to redesign an existing scholarship platform around the challenge of **verifying student eligibility without exposing sensitive information**.
- Helped define user flows for scholarship matching, pseudonymous applications, and selective disclosure of student information.
- Supported implementation and testing across the React, Node.js, and MongoDB application.