

Akash Jain

US Citizen | 678-665-0467 | akashjain1311@gmail.com

EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computational Media
GPA: 3.8

Atlanta, GA

Aug 2024 - May 2027

University of Georgia

Bachelor of Science in Environmental Engineering
GPA: 4.0

Athens, GA

Aug 2023 - May 2024

EXPERIENCE

Tours Limited

UX/UI Intern

May 2024 – Aug. 2024

Duluth, GA

- Performed research and analysis with Google Analytics and SEO techniques to craft an effective design strategy
- Designed and published the company website using Agile project management methodology, utilizing Microsoft Power Pages for streamlined development and deployment
- Designed and launched the company website, employing AWS for ongoing maintenance and monitoring

Holt Consulting

Plans Assistant

Aug. 2022 – Apr. 2023

Duluth, GA

- Created detailed plan diagrams with OpenRoads 3D modeling software, aiding the successful construction of a drainage system in Georgia
- Conducted thorough research on traffic patterns and environmental impacts to develop a predictive model for adding a lane at a four-way intersection
- Led presentations with the Georgia Department of Transportation to demonstrate and evaluate potential designs for a variety of surface transportation projects

Patel Plastic Surgery

Medical Intern

Jun. 2021 – Aug. 2021

East Cobb, GA

- Developed an itemized inventory management system using a custom database, improving data accuracy and operational efficiency for tracking thousands of medical supplies
- Automated the patient photography and data entry workflow by creating a streamlined digital system, reducing manual input errors and improving processing time by over 10%
- Led data-driven meetings with medical device companies by analyzing product data and providing insights to evaluate potential business partnerships

Rouge Magazine

Event Planner

Aug. 2023 - May 2024

Athens, GA

- Directed and managed diverse events such as photoshoots and styling workshops, to unite students with creative interests, facilitate content production, and secure talent for the organization
- Coordinated a campus-wide fashion show for the Student Merchandising Association, attracting hundreds of attendees and raising over \$10,000

PROJECTS

Electronic ARTrium | Python, Unity, Blender

Aug 2024 – Present

- Facilitated production of an interactive, animated video for exhibit scenes, enhancing visitor engagement
- Employed Mediapipe, USB cameras, depth cameras, and Python for 3D pose detection, enabling the exhibit to dynamically respond to participants' presence and movements
- Programmed speech/text-to-gesture software to control the movements of both video and mechatronic characters, creating a seamless interactive experience

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS, MATLAB, C, C++

Full Stack Development: Node.js, Express, SQL, MongoDB

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse