Ishan Vepa

U.S. Citizen | ishanvepa171@gmail.com | ishanvepa.com | linkedin.com/in/ishanvepa | (850) 851-5855

EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science   *Expected May 2026*
GPA: 3.52 – Dean's List, Sidney Goldin Scholarship Recipient

- *Relevant Coursework*: Data Structures & Algorithms, Object-Oriented Programming, User-Interface Design, Mobile & Ubiquitous Computing

University of Oxford   Oxford, UK
Bachelor of Science in Computer Science, Study Abroad Program   *May 2023 – Aug 2023*
GPA: 4.0 – Faculty Honors

- *Capstone Project*: Artificial Intelligence's Impact on Media Production

EXPERIENCE

Software Engineering Intern   May 2024 – Aug 2024
Datamaxx Group   *Tallahassee, FL*

- Reduced identity verification time from **1 minute to 20 seconds**, by developing an automated ID parsing and user face verification service in ASP.NET with AWS Textract and Rekognition API
- Enhanced user security screening efficiency for **100+ vendors** by implementing a QR code visitor check-in system
- Authored comprehensive documentation on both services for use by team of **20+ developers**
- **Skills**: C#, ASP.NET, jQuery, HTML, CSS, SQL, AWS API

Undergraduate Researcher, Data Analytics Team Leader   Aug 2023 – Present
Georgia Tech Vertically Integrated Project   *Atlanta, GA*

- Refactored sponsor funding allocation for principal investigators by parsing CSV data into Tableau dashboards to accomodate **$1.3 billion** in annual research
- Streamlined access to InfoReady guides through designing app to facilitate **80+ research administrators**
- **Skills**: Figma, Tableau

Founder, Director of Post-Production, Web-Development   Jul 2019 – Aug 2022
Generation Z Media   *Tallahassee, FL*

- Developed website/blog with **500,000+ impressions** and **5% CTR** in 1 year by optimizing sitemaps and SEO
- Initiated and managed **25 producers** across **4 state chapters** (Florida, Connecticut, Michigan, Oregon)
- Featured in local press: Tallahassee Democrat, Tallahassee Magazine
- **Skills**: HTML, CSS, JavaScript, Figma

PROJECTS

Market Maven: Detailed Stock Analysis App | *React Native, TypeScript, Python, Flask*
- Analyzes social sentiment of stock through scraping Stocktwits and Twitter
- Provides relevant market news on specified stocks related to price fluctuations
- Leveraged Bavest Rest API to retrieve and process stock price history and market news

Personal Website | *Next.js, HTML, CSS, TypeScript, AWS Amplify*
- Built responsive Next.js personal website, hosted through AWS Amplify, showcasing my portfolio

Computational Analysis of Contemporary Music | *Python, BeautifulSoup*
- Web-scraped and analyzed **100+ songs** from the Billboard Hot 100 over **10 years**, identifying trends in the use of musical elements across the pop genre
- Provided data-driven insights in research paper: "Why do people enjoy music?"
- Processed **340+ data points** in spreadsheets using Python (BeautifulSoup, urllib, openpyxl) to generate insights

TECHNICAL SKILLS

Languages: Java, C, C#, Python, JavaScript, SQL, HTML, CSS, TypeScript
Technologies: ASP.NET, React.js, React Native, Next.js, jQuery, Flask, BeautifulSoup, JUnit, Firebase, AWS API
Developer Tools: Git, Visual Studio, Android Studio, AWS Amplify, Accurev SCM
Design Tools: Figma, Adobe Photoshop, Tableau