

Alex Salontai

Lawrenceville, GA | Atlanta, GA

(404)-917-5980 | afsalontai@gmail.com | <https://www.linkedin.com/in/alex-salontai-046675288/> | <https://github.com/asalontai>

Education

Georgia Institute of Technology, College of Computing

Bachelor of Science Computer Science

Atlanta, GA

January 2024 - Present

- Clubs: Startup Exchange
- Relevant Coursework: Computer Organization & Programming, Objects and Design

Georgia State University, College of Arts and Sciences

Bachelor of Computer Science

Atlanta, GA

August 2022 - December 2023

- Dean's List, Honors College, GPA: 4.28
- Clubs: Cyber Security Club, Programming Club
- Relevant Coursework: Linear Algebra, Integral and Differential Calculus, Object Oriented Programming, Multivariable Calculus

Experience

Parzr

Web Developer

Atlanta, GA

October 2023 - Present

- Utilizing frontend technologies using react and javascript in order to develop websites
- Mentored and given projects in order to develop my skills of frontend technology

Georgia State Undergraduate Assistantship (UAP)

Undergraduate Assistant for Research

Atlanta, GA

January 2023 - December 2024

- Clean datasets and generate machine learning code for the analysis of datasets
- Conduct research on dataset trends to gain a deeper understanding of the field of network science
- Compose research papers that explore current trends and analytical models applied in dataset analysis with machine learning

Technical Skills & Languages

- **Programming languages:** HTML | CSS | Javascript | Python | Java | C# | SQL | R | Git | C
- **Frameworks / Libraries:** Angular | React | Node.js | Scikit-Learn | Firebase | AI: Google Gemini | Flask
- **Programs:** Adobe Creative Cloud Suite | Adobe Photoshop | Microsoft Office | Microsoft Excel | Microsoft PowerPoint | Auto-CAD | Inventor | Unity | Autopsy | Visual Studio Code | Google Colab | Android Studio | Github | APIs | AWS
- **Languages:** English | Romanian | Spanish

Projects

Flavor Finder

Hackathon

Atlanta, GA

February 2024

- Developed a Full-Stack Web Application at Hacklytics 2024 where users attach a photo of their pantry/fridge and the application recommends a recipe based on the ingredients in the photo
- Follows a pipeline architecture from user input on frontend to Firebase Storage to backend of generative AI models to Firebase Real-time Database to the frontend to display results
- Technologies: React + CSS, Flask + Python AI API such as Google Gemini Vision and Nous-Hermes-Llama2-13B, Firebase Storage + Firebase Real-Time Database, and AWS for deployment

Weather API Web Application

Personal Project

Atlanta, GA

January 2024 - February 2024

- Developed a web application where a user chooses a location using a search box that gives options of locations and presents data about the current temperature, humidity, weather for the day, and wind speed along with a three day forecast of the location
- Technologies: React and Tailwind CSS with data from GeoDB, weatherapi, and OpenWeatherMap APIs

Machine Learning App Detection

Georgia State Undergraduate Assistantship

Atlanta, GA

January 2023 - December 2023

- Developed four separate machine learning projects using data from android apps that included their content, descriptions, permissions, and keywords with results and findings in a Georgia State research paper
- Developed machine learning algorithms that predicted the vaulting status with four vector representations: keyword arrays, Doc2Vec text embeddings, Node2Vec graph embedding, and app permissions keywords
- Technologies: Python along with libraries like pandas, numpy, and scikit-learn using classification machine learning models like SVM, Naive Bayes, and Random Forest

Gymnast Jump

Game Design at Gwinnett School of Mathematics, Science, and Technology

Lawrenceville, GA

November 2021 - December 2021

- Developed a Unity game in a team that is inspired by Doodle Jump, incorporating more features including an interesting UI, diverse platforms, power-up, and collectible coins
- Technologies: Unity Game Development Platform along with C# scripts for mechanics

Certifications/Exams

- Cybercrime Specialist Certificate at Gwinnett Technical College
- GREC Real Estate License
- Unity Certified Associate: Game Developer

July 2023

August 2022

May 2022