

Jovid Jumaev

Greenville, SC | [My Portfolio](#) | jumajo8@furman.edu | (864)906-0370 | [LinkedIn: Jovid Jumaev](#)

EDUCATION

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|-------------------|---|----------|
| Furman University | Bachelor of Science, Computer Science | May 2026 |
| | Bachelor of Science, Data Analytics | |
| | GPA: 3.74/4.00, Dean's List (All semesters) | |

SKILLS & COURSEWORK

- **Most Familiar With:** Python (Pandas, Matplotlib, Seaborn), SQL (MySQL, Oracle, phpMyAdmin), AI, GIS (ArcGIS, QGIS)
- **Exposure to & worked with:** Java, Excel, Tableau, Cursor, Claude, TS
- **Relevant Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Machine Learning with Big Data, Object-Oriented Programming, Data Mining, Mathematical Modeling in R, Database Management Systems

EXPERIENCE

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| Simsys Global – AI/Data Development Intern; Seoul, South Korea | | May 2025 – July 2025 |
| <ul style="list-style-type: none">• Developed AI model (Mask R-CNN + OCR) to automate 2D-to-JSON conversion, cutting modeling time by 85%• Boosted Claude/Cursor server accuracy by 70% via AI based MCP using mcp.prompts() and mcp.tools()• Built AI-driven emergency wayfinding algorithm (Buildoc), improving quick routing by 75% for B2B client projects | | |
| Behruz and Partners LLC - Data Scientist in Finance; Dushanbe, Tajikistan | | October 2021 – August 2022 |
| <ul style="list-style-type: none">• Analyzed financial data for 5 startups, boosting returns by 12% through cost cuts and market expansion• Managed and optimized 500+ financial records, improving data accuracy by 15%, reducing reporting time by 20%• Utilized Python and Excel (ad hoc analysis) for 20+ datasets, recommending expense reduction for risk management | | |
| Furman University IT Department - IT Student Desk Staff; Greenville, South Carolina | | October 2022 – Current |
| <ul style="list-style-type: none">• Resolved 200+ tech (software, hardware, network) issues, reducing average downtime by 30% using Team Dynamix• Configured and secured 450+ devices, ensuring seamless Wi-Fi, antivirus, and network setup for new students• Improved vulnerability scan efficiency by 25% using Python scripts to automate report generation and data analysis | | |

PROJECTS

FloorPlanTo3D-API--Simsys

- ⇒ Developed a Python-OCR-Flask API pipeline (**94.7%** detection accuracy) for walls, doors, windows using **Mask R-CNN**
- ⇒ Reduced manual floor plan modeling time by **85%**, generating mm-accurate **3D JSON data** within **30 s per image**
- ⇒ Integrated **OCR (EN/KR)** and spatial labeling, boosting architectural parsing coverage by **60%** across **9+** test floor plans

Scriptify – AI Audio Transcription Tool

- ⇒ Developed a **Tauri** and **TS** app with **Whisper AI** to transcribe English/Korean audio with **90%+** accuracy
- ⇒ Enabled cross-platform support and real-time transcription for files up to **25MB**, cutting manual effort by **80%**
- ⇒ Implemented export to multiple formats and **auto-language detection**, improving user workflow for team meetings

La Liga Football Dashboard

- ⇒ Built [a dashboard](#) with match results, rankings, and performance insights for the last 2 La Liga seasons
- ⇒ Fetched and processed real-time data using football-data.org **API**, Python (requests, pandas) and RPEF website
- ⇒ Developed insightful plots (wins/draws/losses, points trends) with **matplotlib** and **seaborn**

Traffic Accident Analysis in Greenville County

- ⇒ Analyzed **2 million** records, found 5 hotspots causing **45%** of injuries using Python (Pandas, SQL, Matplotlib)
- ⇒ Created **heatmaps** that improved Greenville County's road safety planning efficiency by **30%** (ArcGIS Pro, Tableau)
- ⇒ Automated data cleaning with Python script, cutting processing time by **50%**, enabling faster safety reports

ACTIVITIES, COMPETITIONS & OTHER EXPERIENCES

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| Data Science and Machine Learning Club – Vice President; Greenville, SC | | August 2024 - Current |
| <ul style="list-style-type: none">• Organized Furman's first-ever Data Fest 2025 with schools like UNC, leading to a 35% budget increase for 2025–2026• Led Furman's most successful Data Mania with 14 teams (30% more than previous years), and 3 award nominations | | |
| Furman University – Data Mania 2024; Greenville, SC | | March 2024 |
| <ul style="list-style-type: none">• Analyzed 80,000 records (Python, R, Tableau), identified UFO sighting patterns by region and time• Secured \$240 prize for impactful analysis in Data Mania 2024 | | |
| Housing and Residence Life at Furman - Resident Assistant; Greenville, South Carolina | | January 2023 |
| <ul style="list-style-type: none">• Mentored 85+ students across two residence halls, increasing community engagement by 30%• Planned 15+ targeted events annually, increasing turnout by 40% with career workshops and wellness activities | | |