

TUNA AKIN

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HONORS

- **TUBITAK 2204-a National 1st Rank in CS**, 1st of 753 projects nationwide May 2020
- **DYER Fellowship**, 4-year entrepreneurial cohort awarded to ~1% of incoming class December 2022
- **Marquis Scholarship**, tuition-covering academic/leadership award granted to ~5 % of the incoming class December 2022
- **Excel Scholarship**, research scholarship funding May 2024
- **Dean's List**, academic excellence honor, four consecutive semesters 4x & Ongoing

EXPERIENCE

Lafayette College Department of Admissions

Project Lead & Systems Architect

Summer 2025 – Present

Workflow Automation, Python

- Spearheading Lafayette's first complete migration of the Ambassador program into Slate, partnering with Slate team
- Engineering scheduling engine that optimizes tour assignments by metrics—to reclaim 250+ staff hours per semester
- Designing custom Slate objects, forms, and live dashboards to give leadership real-time staffing and utilization insights

Dr. Heidi Hendrickson Research Group

Software Developer & Research Assistant

Summer 2024 – Spring 2025

PyMOL, Python, Maestro

- Lead computational campaign to predict and refine 3D structure of the Lam quorum-sensing receptor in *Anoxybacillus*
- Ran molecular-dynamics simulations on Linux clusters; scripted Python pipelines to automate trajectory analysis
- Generated publication animations and produced high-resolution structural visuals in PyMOL, adopted in NSF

Presidential Office of Digital Transformation

Co-Developer

Summer 2020 – Winter 2022

Jupyter, Python, Keras

- Built a custom CNN for RTIR with a 1,000-image benchmark dataset for a national smart-manufacturing initiative
- Integrated the vision module with a robotic framework with engineers, delivering a demonstrable prototype
- Project earned 1st place (rank 1/753) in TUBITAK 2204-A National Research Competition under Computer Science

LEADERSHIP

Side Hustle Community

Founder & President

Spring 2025 – Present

- Scaling campus-wide initiative supporting student-run ventures; uniting 25+ sellers generating \$5,000+ in total revenue
- Built executive board, led member surveys, and executed strategic plans to expand reach and resources with DYER
- Host semesterly fairs (200+ attendees), run mini-markets with local businesses, and "Student-Made" with college store

Ambassadors of Lafayette

Co-Director of Onboarding & Ambassador Training

Spring 2024 – Summer 2025

- Liaised between 40+ ambassadors and senior admissions; resolved concerns and proposed policy updates in meetings
- Partnered with marketing to enhance scripts and co-create social campaigns reaching 5,000+ prospective students
- Led training, workshops, and onboarding for 40+ ambassadors/semester, improving quality and message consistency

EDUCATION

Lafayette College; Computer Science & Economics Dual Major, Mathematics Minor

GPA: 3.8

Relevant Courses: Data Structures & Algorithms, Software Engineering, Mobilizing Science

Involvement: Association of Computing Machinery, Ambassadors of Lafayette, Investment Club, International Students Assoc.

Google Project Management Professional Certificate

Summer 2024

SKILLS

Programming & Tools: Python, Java, JS, SQL, Git, React, TypeScript, Next.js, Jupyter, Linux, PyMOL, Node.js, C++, Slate CRM

Project Management: Trello, Asana, Gantt Charts, Agile/Scrum, Risk Assessment, Stakeholder Communication

Data & Visualization: Excel, Pandas, NumPy, R, Google Sheets

Soft Skills: Initiative & Ownership, Team Leadership, Attention to Detail, Time Management, Documentation, Resourcefulness

Personal Profile: Entrepreneurial developer with a passion for building tools and communities. I build systems, lead change—and unwind with grand-strategy games, urban exploration, low-speed skateboarding, and weightlifting