

# ALEXANDER GARDUNO GARCIA

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## EDUCATION

### University of Minnesota – Twin Cities *Bachelor of Arts in Computer Science*

Minneapolis, MN  
May 2026

## EXPERIENCE

### Full-Stack Software Engineering Intern

*LocalArena Tix*

Oct. 2025 – Present  
Remote

- Build end-to-end ML pricing feature connecting TypeScript/Next.js UI, Django REST framework, and FastAPI to deliver predictive ticket prices to 550+ users
- Integrate LightGBM regression model (MAE: \$43, RMSE: \$65) into production APIs using custom serializers and real-time inference
- Execute CI/CD workflows with 2–3 weekly deployments via pull requests, Render preview environments, and production releases
- Develop retention feature automating email reminders to users with stale listings, targeting improved pricing accuracy across platform

### Teaching Assistant – Computational Linear Algebra

*University of Minnesota, CSE*

Jan. 2025 – May 2025  
Minneapolis, MN

- Assisted with grading and provided weekly one-on-one support to 5–10 students focused on computational linear algebra problem-solving

### AI Agent Developer – DE&I Assessment

*Collaboration.AI*

Nov. 2024 – Dec. 2024  
Minneapolis, MN

- Built an AI agent to analyze Instagram engagement data for DE&I assessment using ChatGPT and custom scoring logic in Relevance AI
- Integrated specialized agent into a multi-agent system with domain-specific workflows

## PROJECTS

### StudentStarterPlus — Live Site

- Led full-stack development of a college social platform using PostgreSQL, Express.js, React, and Node.js
- Implemented 12+ RESTful API endpoints and deployed frontend (Vercel) and backend (Render)
- Built role-based authentication using Auth0 with admin approval workflows
- Preparing platform for pilot launch targeting 5 organizations and 40+ students

### ClashPoint — Live Site

- Built a Reddit-style debate platform using Flask, PostgreSQL, Jinja2, and Pure-CSS, deployed on Render

### Minika Dictionary — Live Site

- Migrated Minika language dictionary from PostgreSQL to Supabase and built a TypeScript/Express API
- Deployed frontend (Vercel) and backend (Render) for University of Antioquia collaboration

## LEADERSHIP & MENTORSHIP

### Python Instructor

*Code The Gap*

Jan. 2024 – May 2024  
Minneapolis, MN

- Taught Python fundamentals to 20+ K–12 students through hands-on lessons

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, C, SQL

**Web:** React, Next.js, Vue.js, Django, Node.js, Express.js, Flask, FastAPI

**Databases & Cloud:** PostgreSQL, Firebase, Supabase

**ML & Data:** LightGBM, PyTorch, scikit-learn, Pandas, NumPy

**Tools:** Git, GitHub, Render, Vercel, Jira, Auth0