

ALISA AKAYA

alisa.akaya@gmail.com | www.linkedin.com/in/alisaakaya/ | 281.624.9816

EDUCATION

University of Houston

B.S. in Computer Information Systems

Expected: May 2026

Concentration GPA: 3.92/4.0

Cumulative GPA: 3.8/4.0

- **Minor:** Business Administration, Political Science
- **Awards & Honors:** 2x National Hackathon Champion, Apple Academy, Deloitte Foundation Scholar, Honeywell IPP, Dean's List
- **Certifications:** ITLP® Certified IT Manager, SAFe® Product Management & Project Management Professional (PMP)(In Progress)

SKILLS AND INTERESTS

- **Technical:** C++, Python, React.js, R, SQL, UI/UX, Linux OS, Systems/Data Flow Architecture, AWS, Automation Scripting (Bash)
- **Business:** Agile, Scrum, Microsoft Office, ServiceNow, Jira, Tableau, Business & Data Analysis, Software Development Life Cycle
- **Languages:** English, Russian (fluent)

PROFESSIONAL EXPERIENCE

Apple – Software Engineer Intern; Austin, TX

May 2025 - Present

- Developing AI automation system within workforce HR management integrating Python, MongoDB, AppConfig, and REST APIs to streamline manual processes, ensuring scalable solution for enhanced performance and operational efficiency

Baker Hughes – Strategy Data Analyst Intern; Houston, TX

Jan - May 2025

- Drove strategic sourcing transformation from analysis through implementation across 500+ high-volume SKUs, delivering over 20% cost reduction through optimized commodity inflation tracking and accelerated supplier renegotiations
- Built comprehensive PowerBI analytics platform from concept to deployment for 55+ critical commodities with automated price indexing, enabling 35% faster procurement decision-making and enhanced C-suite cost reduction strategies.

Apple – Systems Engineer Intern; Austin, TX

May – Aug 2024

- Operated Apple's reconciliation system utilizing Mongo DB, Oracle DB, and MySQL platforms, supporting 500K+ daily transactions while achieving 99.9% data accuracy across multi-tenant architecture
- Optimized end-to-end backed financial architecture across 15+ tenants, streamlining data flow processes and execution workflows to achieve 20% faster processing times and support 3x transaction volume growth

PwC, Extern – Product Manager Extern; Remote

Nov – Dec 2023

- Led end-to-end product development, executed UX research methods and selected appropriate methodology for end users

GE Appliances – Technical Program Manager Intern; Remote

Aug – Dec 2023

- Managed 2 engineering projects, leading a global team of 12 to resolve critical data distribution issues using Agile methodology, resulting in 25% improvement in data accuracy
- Engineered AI-driven automation for backend data tracking and systems optimization using SQL, Python, and Oracle EBS, projected to boost productivity by over 60%

Northrop Grumman – Product Manager Intern; Washington, D.C.

May – Aug 2023

- Drove full product lifecycle development from initial concept through MVP to production release, delivering dashboard product that increased customer satisfaction scores (NPS) by 15%
- Managed 5 strategic projects implementing Agile and Scrum methodologies to boost team productivity by 30% and accelerate project delivery timelines

PROFESSIONAL DEVELOPMENT

Cornell Tech, Break Through Tech – Artificial Intelligence/Machine Learning Scholar

May – Sep 2024

- Selected for AIML course taught by Cornell Tech, focusing on teaching through hands-on projects and industry mentorship

Management Leadership for Tomorrow (MLT) – Ascend Scholar, Career Prep Fellow

Nov 2022 – May 2025

- Selected for an 18-month professional development program featuring case studies and conferences with industry leaders

LEADERSHIP AND INNOVATION

National Black Society of Engineers (NSBE) – Vice President; Univ. of Houston

March 2023 – March 2024

- Lead a team of 30 to coordinate campus activities for 2K+ participants to empower, equip, and enable DEI in engineering
- Key relationship owner for company outreach, corporate sponsorships, and other campus organizations

Select Projects

- **JP Morgan Chase Datathon 2024** – Led data analysis hackathon project using Jupyter, Pandas, Python and Tableau to optimize program locations for SocialWorks' youth initiatives in Chicago through multi-factor community analysis
- **NSBE Region V Capital One Hackathon 2022** - Engineered 'RISE: Be the Change', a responsive full-stack website using HTML, CSS, JavaScript, and APIs, featuring a comprehensive database of social justice resources for students