

Akromjon Akhmadjonov

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EDUCATION

Penn State University

B.S. in Computer Science

Pennsylvania, USA

Expected Graduation, May 2028

- **GPA:** 3.910/4.00 *Dean's List*

- **Related Coursework:** Data Structures & Algorithms, Computer Programming, Object-Oriented Programming

EXPERIENCE

Linko <https://linko.uz>

Software Engineer

Tashkent, Uzbekistan

Nov 2024–Mar 2025

- Designed and implemented a **modular POS architecture** using Electron JS and React JS, allowing seamless scaling for new features and clients.
- Enabled **offline-first functionality** with robust **local database**, allowing users to operate **without internet access**.
- Engineered a high-performance sync service capable of processing over **15K records in under 2 minutes**, ensuring fast and reliable data **synchronization**.

OOO "Wiener Deming" <https://ritm.uz>

Frontend Developer

Tashkent, Uzbekistan

Jun 2022 – Aug 2024

- Improved frontend performance by optimizing rendering of table rows, eliminating **scroll lag and reducing UI latency**.
- Developed and maintained pivot table structures to manage **complex many-to-many** relationships efficiently for CRM.
- Refactored **data handling** and implemented **virtualization techniques**, cutting render time **by over 30%**.

PROJECTS

Talaba 365 LMS <https://talaba365.uz>

Founder & Full Stack Developer

October 2024 – Present

- Implemented hybrid multi-tenant architecture (**shared + dedicated DB**) to optimize resource use and cost scalability.
- Boosted API speed by added **short-term caching** to reduce **duplicate request** load.
- Boosted backend security by enforcing **role- and permission-based access** control to all APIs, preventing unauthorized data exposure.

EDO/EDI System

Team Member

Tashkent, Uzbekistan

Nov 2024 – March 2025

- Integrated OneID (Uzbekistan) and secure APIs for e-signature verification, reducing manual paperwork errors by 60%.
- Tuned caching and app state logic, improving latency by 35% in data-heavy document pipelines.
- Collaborated with a cross-functional team to ensure compliance with national digital security standards and streamline approval processes.

POS System

Team Lead

Tashkent, Uzbekistan

Nov 2018 – Jan 2019

- Designed modular offline-first architecture handling 15K+ records, syncing reliably with desktop and cloud DB.
- Implemented GitHub-based auto-update system to notify and fetch new releases, reducing manual installation effort and onboarding workload by 80%.

HONORS & AWARDS

Schreyer Honors College Scholar

Penn State University

Admitted to Penn State's most selective

honors college, based on academic merit and leadership.

2025–Present

El-Yurt Umidi Foundation Scholar

Uzbekistan Government

Awarded full-ride government scholarship (*top ~3% nationally*)

for academic excellence, leadership, and global potential.

2025-2029

SKILLS

Languages & Frameworks: Python, JavaScript, TypeScript, HTML/CSS, SQL, PostgreSQL

Libraries & Stacks: Node.js, React.js, Next.js, Express.js, Electron.js, MongoDB

Tools & Platforms: Git, Postman, PyCharm, WebStorm, VS Code, ESLint, Bootstrap, Figma, Jira, Prisma