# ASADBEK KARIMOV

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## EDUCATION

**CUNY Queens College**                                                                                New York, NY
Bachelor of Arts                                                                                              Dec 2023
Major in Computer Science
Cumulative GPA: 3.2/4.0; Dean's List 2019-2020
Relevant Coursework: Distributed Systems, Software Engineering, Operating Systems, Algorithms, Data Structures

## WORK EXPERIENCE

**SHEETJS**                                                                                                New York, NY
Software Engineer                                                                                      Jan 2024 – Present
- Help create a codec to read and write Stata .DTA files, enabling CSF workbook object generation.
- Boosted Gitea server performance by 50% through smart caching and solving archive overfill issues.
- Resolved over 50 critical technical issues, enhancing system reliability.

**PIESHARES INC**                                                                                            Remote
Software Engineer Intern                                                                            Dec 2019 – Jan 2021
- Designed smart caching and query optimization mechanisms, reducing backend load times by 20%.
- Created responsive user interfaces with Angular and Material UI, leading to a 30% boost in user engagement.
- Optimized backend with Node.js, MongoDB, and Redis, cutting load times by 15% and improving retention by 20%.

## PROJECTS

**MYLINX.CC**                                                                                        Dec 2023 - Present
- Built a customizable platform similar to Linktree, with features like media integration, QR codes, SEO control, and analytics.
- Reduced operational costs for users by 53% through backend optimizations and database management.
- Achieved over 1,000 users and 750,000 page hits within the first few months of launch.

**ANITREK.COM**                                                                                    Dec 2019 - Jan 2021
- Engineered AI-powered search features, reducing content search time by 30%.
- Developed a watchlist management and community engagement platform for anime discovery.
- Gained over 3,000 users and supported 1.2 million searches in the first 6 months.

## SKILLS

**Languages**:  TypeScript, JavaScript, Python, Java, C, SQL, PHP, HTML/CSS
**Databases**: PostgreSQL, MongoDB, MySQL, Redis
**Frameworks**: React, Next.js, Angular, Node.js, Prisma, TailwindCSS, Chakra UI, Angular Material
**Cloud Platforms**: AWS, DigitalOcean, Heroku, Supabase,
**Tools:** Docker, Kafka, NGINX, Jenkins

## AWARDS

**COMMON VULNERABILITIES AND EXPOSURES**                                                          SHEETJS
CVE-2024-22363                                                                                              April 2024
- Acknowledged in CVE-2024-22363 for contribution to resolving ReDoS vulnerability in SheetJS CE up to version 0.20.1