

JORDAN KOROGODSKY

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Software Engineer with four years of experience in full-stack development and project management with a growing interest in AI/ML/HCI. Guided teams of 10+ people through 4+ product launches at various organizations.

WORK EXPERIENCE

UBTPEC, Buffalo, NY

2025 - Present

Lead Software Engineer / Fundraising Chair:

- Led software development for three concurrent projects: The Kraken (theme park ride), Battle Bots (competitive robotics), and control systems for national engineering competitions
- Managed teams of up to five developers, implementing customized SCRUM/Agile methodologies and conducted code reviews
- Taught underclassman important industry concepts
- Architecturally embedded control system using Arduino with state machine logic, real-time sensor processing, and safety protocols
- Collaborated with mechanical and electrical engineers to ensure seamless hardware-software integration within competition constraints
- Managed GitHub organization including branch strategies, and code review processes
- Served as Controls Systems Lead for battle bots, coordinating motor controllers, weapon systems, and sensor arrays
- Secured \$500+ in volunteering as Fundraising Chair to support club operations and competition entries
- Successfully met all competition deadlines while maintaining code quality and ASTM engineering standards
- Carefully documented features of the ride ensuring they comply with industry safety standards

Alex's Jewelry - Manhattan, NY

2022 - 2024

Software Engineer

Key Result Areas:

- Designed, developed, and maintained web applications supporting e-commerce, point-of-sale integration, and internal operations
- Built and optimized inventory management systems to track precious metals, gemstones, and finished pieces
- Developed customer relationship tools to support personalized service and marketing initiatives
- Created data analytics dashboards for sales reporting, trend analysis, and business intelligence
- Integrated third-party services including payment processors, shipping providers, and marketing platforms
- Maintained and improved database systems ensuring data accuracy and security
- Troubleshooting technical issues and providing support for in-store technological issues.

EDUCATION

University at Buffalo, Buffalo, NY

2022-2026

Bachelor of Science, Computer Science

- Completed summer study abroad program in Japan with EF University

SKILLS & OTHER

- Leadership - Captain of #1 seated intramural volleyball team for multiple semesters, Captain of Intramural Basketball Team, fundraising chair of the theme park engineering club
- Technical Workshops - Developed and delivered Arduino programming workshops for UB students
- Competition - Participant of the 2026 Toronto Metropolitan University Thrill Design Competition, REC 2025, REC 2026