

# Justin Cordova

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## EDUCATION

### New Jersey Institute of Technology

Newark, NJ

Bachelor of Science in Computer Science — GPA: 3.3 / 4.0

Expected December 2026

- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Database System Design & Management, Cybersecurity, Programming Language Concepts
- Awards: Highlander Achievement Scholarship, Dean's Scholar

## EXPERIENCE

### Software Developer Intern

Aug 2025 – Present

Pure Technology Inc.

Remote

- Engineered a **modular cleanup engine** with retention rules, estimations, and batch operations capable of processing **1M+ records/hour** while maintaining **100% transactional integrity**.
- Built a **C#** maintenance utility for Retail Management Hero (RMH) used by enterprise clients, reducing legacy data bloat by **40%** and improving average query performance by **25%**.
- Architected a strict **layered system** with **Fluent NHibernate**, async operations, and dependency injection, increasing maintainability and reducing code duplication by **35%**.
- Developed a **scriptable CLI** with REPL mode, tab-completion, history, piped input support, and automation-friendly **exit codes**, cutting manual maintenance time by **50%**.
- Built **NUnit** test suites covering repositories, cleanup rules, schema validation, and service-layer behavior, achieving **85% test coverage** and eliminating multiple production regressions during rollout.
- Integrated **LicenseSpring** for activation, trial limits, and machine-bound licensing, enforcing compliance across all distributed builds and protecting enterprise IP.

### Full-Stack Developer Intern

July 2025 – Aug 2025

AbeScott Enterprises

Remote

- Architected **cross-platform transportation aggregator** unifying **multiple ride-sharing APIs** (Uber, Lyft, DoorDash) into a single user interface for seamless service comparison.
- Designed **RESTful API** backend using **Node.js** and **Express** with **Supabase authentication**, achieving **sub-200ms** average response time across all endpoints.
- Led development team of 10 engineers across frontend, backend, and API integration workstreams, delegating React UI design and service layer tasks while conducting bi-weekly sprint planning meetings to coordinate deliverables.
- Optimized **React** component rendering with memoization and virtualization to handle real-time price updates from 3+ concurrent APIs without UI lag.

## PROJECTS

### FindU | React Native, Expo, Node.js, Express, Supabase, PostgreSQL, Stripe

July 2025 – Present

- Developed a **full-stack** college dating app with **campus-exclusive authentication** using .edu email verification, real-time matching, and a swipe-based discovery interface.
- Designed and deployed a **Node.js/Express backend** with Supabase PostgreSQL, powering authentication, user profiles, matching, and chatting logic.
- Created a **weighted matching algorithm** based on 20+ user attributes, improving match quality and reducing time-to-match by **40%**.
- Implemented a **real-time chat system** with message persistence, read receipts, typing indicators, and photo sharing using **Supabase Realtime**.

### Bunso | React, Node.js, Express, MongoDB

May 2025 – July 2025

- Shipped **full-stack social media platform** with **real-time** post creation, nested commenting system, and direct messaging functionality.
- Implemented **JWT authentication** with **rate limiting** (100 requests/min) and structured logging to ensure system reliability.
- Optimized React frontend with **pagination** and **query result caching**, reducing page load times by **60%** and database query load by **50%**.

## TECHNICAL SKILLS

**Languages & Databases:** C#, JavaScript/TypeScript, Python, C, MySQL, PostgreSQL, MongoDB

**Frameworks & Libraries:** .NET, EF Core, NHibernate, NUnit, WinForms, React, React Native, Expo, Node.js, Express, Next.js, Django, Tailwind CSS, Prisma, Zustand, Redux

**Developer Tools:** Git, Postman, Jupyter Notebook, Docker, Jest, NUnit

**Concepts:** RESTful APIs, Microservices, CI/CD, Agile/Scrum, OOP, Design Patterns, System Design, Test-Driven Development