

## EDUCATION

### New Jersey Institute of Technology

B.S. Computer Science

Expected Fall 2026

Newark, New Jersey

- **Awards:** Highlander Achievement Scholarship, Dean's Scholar

## EXPERIENCE

### Pure Technology Inc.

Software Developer Intern

Aug 2025 – Present

Remote

- Designed and implemented a **cleanup utility application** to efficiently manage and purge **obsolete or duplicate database records**, ensuring **data integrity** and improving **system performance**.
- Developed and **optimized backend services** using **.NET** to handle **complex database operations**, including **batch processing**, **transaction management**, and **automated data validation routines**.
- Created an **intuitive frontend interface** with **.NET WinForms** and wrote **unit tests** to ensure **reliable functionality** and **operational efficiency**.

### AbeScott Enterprises

Full-Stack Developer Intern

July 2025 – Aug 2025

Remote

- Led development of a **cross-platform ride service platform**, integrating multiple providers to deliver a **seamless user experience**.
- Owned **backend architecture**, implementing **authentication** and **transit integrations** with **Node.js**, **Express**, and **Supabase**.
- Directed **Agile workflows** for a team of **10 engineers**, driving **milestone delivery**, **code quality**, and **collaborative development**.

## PROJECTS

### Findu | React Native, Expo, Node.js, Express, Supabase, PostgreSQL, Zustand, Stripe, Socket.IO

July 2024 - Present

- Designing and developing a **full-stack college dating app** with campus-exclusive authentication, secure messaging, and swipe-based matching, verified through **.edu** emails.
- Building a **cross-platform mobile UI** in **React Native** and **Expo**, including profile onboarding, discovery, and planned premium subscription tiers.
- Implementing **Supabase** for authentication, storage, and data handling; integrating **RESTful APIs**, **Stripe payments**, and user analytics to support scalable growth.

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

May 2025 - July 2025

- Built a **full-stack social media platform** with real-time post creation, commenting, and user interaction, featuring secure authentication and rate limiting.
- Designed a responsive React frontend with advanced features like **Posting**, **Searching**, and **Messaging** for enhanced user engagement.
- Developed **RESTful APIs** and integrated custom logging and error handling for robust backend performance and maintainability.

### Plush Pals | Django, Python, HTML, CSS

May 2025

- Developed a **multi-page web app** to showcase a collection of **8+ handcrafted plush toys**, complete with images, descriptions, and pricing.
- Built interactive features including **star ratings (1–5)** and **user-submitted reviews**, using **Django Forms** and template logic for live feedback display.
- Utilized Django **admin panel** to manage products and view reviews, enabling seamless **content moderation**.

### Student Depression Prediction | Python, Pandas, Numpy, Seaborn, Scikit-learn, Matplotlib

Apr 2025

- Built a **supervised machine learning pipeline** to predict student depression based on academic, social, and emotional indicators from a Kaggle dataset.
- Trained and fine-tuned Logistic Regression (**78.3% accuracy, 0.82 F1-score**) and Random Forest (**76.3% accuracy, 0.80 F1-score**) models using **GridSearchCV** and evaluated with classification metrics and confusion matrices.

## TECHNICAL SKILLS

**Languages & Databases :** C#, JavaScript, TypeScript, Python, C, C++, Java, SQL (MySQL, PostgreSQL)

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

**Libraries & Tools :** NHibernate, Zustand, Redux, Axios, React Hook Form, Jest, NumPy, Pandas, Seaborn, Scikit-learn

**Developer Tools & Methodologies :** Git, Postman, Agile, Scrum, Jupyter Notebook, ChatGPT, Claude, Cursor