KENNETH MIURA

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Education

University of Toronto   **09/2020 - 06/2025**
Honors Bachelor of Science in Computer Science, cGPA: 3.71/4.0   *Toronto, ON*
- **Coursework**: Machine Learning, Operating Systems, Web Programming, Database Management, Software Design, Data Structures, Algorithm Design and Analysis, Functional Programming

Experience

Palantir   **06/2024 - 08/2024**
Software Engineering Intern   *New York, NY*
- Reduced incident response time for mission-critical client processes by **50%** by designing and implementing automatic ingestion for REST request execution data into Palantir's analytics platform with **React**, **GraphQL**, and **Java**
- Conducted user interviews with five key clients to identify pain points with monitoring flows for no-code REST requests
- Decreased false-flag monitor-based paging by **30%** by analyzing historical error data and implementing a new heuristic

Wanderlog   **05/2023 - 05/2024**
Software Engineering Intern   *Toronto, ON*
- Reduced update run time by **7%** and ensured content freshness by automating data pipeline to generate top 50 destination pages by finding relevant webpages and parsing them, using **LLMs**, **Node.js**, **Redis** and **Puppeteer**
- Increased retention by **5%** by launching **LLM**-powered mobile trip plan assistant using **React Native**
- **Doubled** number of booking options by integrating Airbnb into hotel booking service using **React** and **Express**
- Increased user acquisition by **3%** by overhauling existing destination pages for improved SEO indexing
- Elevated subscription rate by **3%** by creating novel mobile subscription flow with **React Native**

The Walt Disney Company   **05/2022 - 08/2022**
Backend Software Engineering Intern   *Orlando, FL*
- Increased service stability and reduced manual testing overhead by spearheading integration testing initiative for **three** Disneyland reservation ticketing services using **Spring Boot**, **Docker** and **MySQL**
- Optimized logging and increased security with custom logging and masking system for **Spring Boot** services

Extracurriculars

University of Toronto Blueprint, *Project Manager*   **08/2022 - 05/2023**
- Led team of 10 using **Agile** development principles and distributed tickets through Github Projects
- Scoped and architected **AWS**-deployed CRM for non-profit client that manages employer & job posting information
- Mentored developers in test-driven development of CRM application using **MongoDB**, **Express** and **React**

University of Toronto Blueprint, *Open Source Software Developer*, Github   **10/2021 - 08/2022**
- Developed dashboard for mobile app with **200+** users, displaying menstrual cycle overview with **React Native**
- Designed and implemented menstrual cycle information and analytics retrieval layer using local **noSQL** database

You're Next Career Network, *Software Developer*, Website   **04/2021 - 05/2022**
- Automated 20 hours of member work annually by launching Slack reminder bot using **JavaScript** and **AWS Lambda**
- Increased Career Fair signups by **4%** by upgrading Career Fair partners page for website with **3000+ users**

Projects

Toronto Early Cognition Lab | *React, Python, Express, TypeScript, PostgreSQL, OpenCV* | Github
- Led team of eight to build tool anonymizing children in videos using **OpenCV**, enabling publishing of research videos
- Built frontend and backend for home page which filters uploaded videos by name and tags with **React** and **Express**

Toronto Fitness Club Website | *Python, JavaScript, React, Django, SqLite* | Github
- Designed and implemented fitness class page with search display component in **React** for dynamic user experience
- Implemented RESTful API for course search, enrollment and subscription modification by keywords in **Django**

Technical Skills

Languages: TypeScript, Java, Python, JavaScript, C
Technologies: React, Express, React Native, MySQL, GraphQL, Spring Boot, Flask, Django, PostgreSQL, Linux, Docker, MongoDB