Seth Kay Nakashima

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SUMMARY

Penultimate-year Computer Science student (second-year entry) with hands-on experience delivering internal software at scale. Currently deepening expertise in Java and Spring Boot, with a strong foundation in object-oriented programming, full-stack development, data structures, and algorithms. Passionate about leveraging software to solve real-world problems and contribute to technology.

EDUCATION

University of Dundee   Dundee, Scotland

BSc (Hons) Computer Science: Data Science and AI — Expected 2027   *2024 – 2027*
- Predicted First-Class Honours (Grade Band A5 / 19 on 23-point Scottish scale)
- Relevant modules: Modern Web Stack Development, Operating Systems, Intro to AI & Machine Learning, Database Systems, Multi-Paradigm Programming, Data Structures and Algorithms.

EXPERIENCE

Sony Electronics   Ho Chi Minh, Vietnam

Software Engineering Intern   *June 2025 – August 2025*
- Contributed to the development of the company's **eWarranty System**, a **business-critical platform** for nationwide product registration and warranty lifecycle tracking.
- Engineered an internal slide synchronization utility using **C# on legacy Windows Server infrastructure**, enabling real-time updates across **250+ employee devices**.
- Optimized **database query performance** in **legacy .NET Framework 4.8 application**, improving response times and system efficiency.
- Built and deployed the **Class Registration Application** for onboarding workflows, enabling dynamic training session management and survey-based evaluation.

PROJECTS

eWarranty System | *C#, .NET, SQL, Azure DevOps*   Summer 2025
- Contributed to a company-wide warranty platform for Sony Vietnam, **supporting millions of product registration**s and warranty claims.
- Implemented asynchronous processing for bulk campaign imports using **RabbitMQ**, increasing system reliability and reducing manual effort.
- Collaborated on backend automation for special warranty extension campaigns, aiming to reduce manual validation efforts and improve operational efficiency.

SurveyBuilder.Blazor | NuGet | *C#, Blazor, NuGet*   Summer 2025
- Developed an **open-source** survey builder for Blazor, designed as a **free alternative** to proprietary tools.
- Published as a reusable NuGet package with a **growing user base**
- Maintained with an emphasis on accessibility, extensibility, and broader community use.

Class Registration Application | GitHub | *C#, Blazor, .NET, MS SQL*   Summer 2025
- Deployed by Sony HR/Legal to manage employee onboarding and training sessions.
- Built application while **communicating effectively** with all teams involved in order to deliver a final product aligned with team needs.
- Integrated custom-built **SurveyBuilder.Blazor** for post-session feedback and analytics.
- Implemented data persistence and booking workflows via **Entity Framework Core** with an **MS SQL Server** backend.

TECHNICAL SKILLS

Languages: C#, Java, JavaScript, Python
Frameworks & Libraries: .NET, Spring Boot, Blazor, React (Vue.js, Next.js)
Tools & Platforms: Docker, Azure, PostgreSQL
Spoken Languages: English (Fluent), Japanese (Fluent), Mandarin Chinese (Basic)