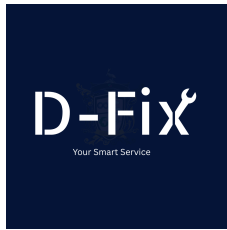# Yitzak D.A. Bass

Systems Engineer & Data Scientist | AI Integrator | App Developer | Founder of D-Fix
Saint Kitts & Nevis | Date of Birth: June 9, 1997
Field: Systems Engineering, Data Science, AI Integration, App Development
Professional Focus: Intelligent Systems, Predictive Analytics, Business Process Automation
Languages: English (native), Basic Mandarin

Professional Summary

As a Systems Engineer & Data Scientist, I specialize in designing intelligent infrastructure and predictive frameworks that drive operational efficiency and digital transformation. I am the founder of **D-Fix**, a next-gen repair and service management platform that leverages AI and data analytics to optimize technician workflows, enhance diagnostics, and streamline decision-making.

Growing up in a household immersed in network systems—my father having worked with military-grade infrastructure—I gained early exposure to D-Link hardware and the broader impact of robust systems engineering. My journey evolved from manual tech support to advanced data-driven solutions that scale across teams, industries, and borders.

Technical Skills

Programming Languages: JavaScript, Python, Node.js, SQL, HTML, C++
Data Science Tools: Pandas, Google Analytics, Model Evaluation, Prompt Engineering
AI & ML Integration: Model-driven diagnosis, analytics forecasting, intelligent automation
App Development: Full-stack architecture, Cloud Functions
Data Systems: GCP, custom APIs, dynamic reporting tools
Project Management: Agile workflows, analytics-driven planning, technical leadership
Security Systems: Access control programming (4CS), internal tooling for secure operations

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Professional Experience

Founder, Systems Engineer & Data Scientist – D-Fix
June 2024 – Present

Launched and led D-Fix, a scalable SaaS platform built for repair shops, internal tech departments, and technicians. Designed all backend systems, AI analysis pipelines, and analytics dashboards.

- **AI-Based Pre/Post-Case Review Engine** – Integrates AI models to analyze reported issues and produce toolkits, estimated durations, and resolution checklists.
- **Analytics Modules for Businesses & Employees** – Offers custom dashboards covering KPIs, workload balance, and operational values.
- **Tool Management Systems** – Built a tool-tracking framework with accountability alerts and usage logs.
- **Real-Time Reporting & Exports** – PDF/Excel generation systems for clients, teams, and supervisors.
- **Training Hub** – In-app microlearning system for technician skill-building and cross-training.
- Et al.

Systems Officer – 4CS
August 2018 – October 2020

- Maintained ATM diagnostics, customer access controls, and internal workflow systems.
- Designed tools to speed up reporting processes and reduce manual data entry.

Risk Officer – 4CS
August 2016 – August 2018

- Managed merchant disputes and contributed to early automation tools for reporting compliance.
- Built Excel macros and early analysis templates for use across internal departments.

Education
Yuan Ze University (YZU)
Bachelors in Strategic Communication | Sept 2021 – Jan 2025 (Incomplete-Study Leave)

National Taiwan Normal University (NTNU)
Sept 2021 – Mar 2022

Clarence Fitzroy Bryant College (CFBC)
Associate Degree in Business Management | August 2014 – July 2016

Basseterre High School (BHS)
Graduated July 2014

- **CSEC Results:**
  - Grade I: Information Technology, Principles of Business, Office Administration
  - Grade II: Communication Studies, Mathematics, Caribbean History, Geography
  - Grade III: Principles of Accounts

St. Joseph's Primary School
Valedictorian | Graduated July 2009

Achievements & Awards

- **Taiwan MOFA Scholarship Recipient (2020)**
- **YZU Global Wings – Contributing Author** ("Flying to Saint Kitts and Nevis")
- **AppAdvice Feature** – App highlighted for innovation and impact (D-Fix)
- **Top Male Academic Performer** – BHS Form Two
- **Certificate of Achievement** – Basseterre High School
- **Youth Development Leader** – CWBN Congress (GCT Division)
- **Valedictorian** – St. Joseph's Primary School

Community Involvement & Interests

- **Media Assistant & Photographer** – Stylejerk SKN (Promotions, Event Marketing)
- **Sports:** Basketball, American Football
- **Volunteer Work:** Community tech tutoring, youth engagement, public outreach

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Portfolio & Media Links

- **Portfolio**- https://dfix-icons.my.canva.site/d-fix
- **Facebook Page**- https://www.facebook.com/profile.php?id=61572831745278
- **Instagram**- https://www.instagram.com/dfix_tw/
- **YouTube Channel**- https://www.youtube.com/@D-FixTW
- **Third-Party Listings**- https://appadvice.com/app/d-fix/6739700012
- **Available on iOS**
- **D-Tag Dynamic Website** - *https://d-fix-4bb45.web.app/MyProfile.html?B_Ref=D-FixTW*
- **Blog**-https://behindthefix.blogspot.com

References

Available upon request.