Frank Fu

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Education

The University of Auckland Auckland, NZ
Bachelor of Engineering (Hons), Software Engineering (A/A+) Expected Nov. 2027

- **International Student Leavers Scholarship**: $20,000 for outstanding academics and leadership.
- **Dean's Honours List 2024, 2025**: Top 5% of the engineering cohort.
- **Relevant Courses**: Object-Oriented Programming, Software Engineering Logic and Theory, Software Engineering Design, Software Quality Assurance, Data Structures and Algorithms, Mathematical Modelling, Fundamentals of Computer Systems.

Experience

Software Developer Intern *Sandfield* – Auckland, NZ Nov 2026 – Feb 2027

- Incoming summer internship as a Software Developer at Sandfield.

Software Engineer Intern *Harmoney* – Auckland, NZ Nov 2025 – Feb 2026

- **Harmoney (market-leading fintech in AU/NZ):** Delivered full-stack product work, frontend, backend, DB schema changes and new API endpoints, and modified BPMN workflows in Camunda Modeler; all changes were pushed to production across Origination & Servicing, directly improving customer experience and enabling admin/audit capabilities for live loan applications.
- **Built internal "Customer Loan Blocking" tool** to streamline loan-disbursement management, provide real-time controls for exceptions, and simplify operational handling of blocked accounts.
- **Developed "Rewrite" feature** to support customer's loan consolidation, boosting company retention performance by over 70%.

Technical Assistant *PB Technologies* – Auckland, NZ July 2022 – March 2025

- **Product Expert:** Guided customers in selecting and understanding technology products.
- **Technical Support:** Set up and initialized hardware and software solutions.

Projects

Temporary & UL Blocking
Developer | React · Next.js · PostgreSQL · BPMN · Postman

- Intern project at Harmoney, internal tool for various customer blocking streams.

Bookminton github.com/FuRankLy/Bookminton
Developer | JavaScript · HTML· CSS · Java

- Automated badminton court booking using web APIs and a 24/7 monitoring bot. (in 2 Programming Language)

WEB3 UoA https://github.com/UoaWDCC/web3
Project Manager/Developer| React · Next.js · PostgreSQL

- Website/User profile system for WEB3 club at University of Auckland

Extracurricular

- **Industry Team Lead** — Developers Society (DEVS) - Connect Students with SWE/CS Industry
- **Project Manager** — Web Development Consulting Club (WDCC) - For WEB3 UoA project
- **Coach** — Auckland Badminton Association (ABA)

Skills

Languages: Java, Python, C/C#, JavaScript, TypeScript, HTML/CSS, BPMN, MATLAB
Tools: Git, JavaFX, React, Docker, Lens, Next.js, NestJS, MongoDB, PostgreSQL, Camunda Operate/Modeler, Postman, Maven