

Resumé

Basic Information

Name: Hanbang Wu (preferred: Leo Duan)

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Website: leoduan.com

Education

2021-2025 IB Diploma, Dogwood Diploma - New Westminster Secondary School

International Baccalaureate (IB) Diploma Programme

- Analysis and Approaches HL: 7P
- Physics HL: 7P
- Chemistry HL: 7P
- Psychology SL: 7P
- English Literature A HL: 6P
- Spanish ab initio: 6P
- ToK/EE: 2P
- Total (with core): 42P/45

*P refers to predicted grades.

Advanced Placement (AP)

- Calculus BC (Calculus AB subscore: 5): 5
- Physics 1: 5
- Physics 2: 5
- Physics C: Mechanics: 5
- Physics C: Electricity and Magnetism: 5
- Chemistry: 5

Work Experience

Cook, A&W Restaurants; New Westminster, BC — 2022-07-11 to 2022-10-29

- Worked full-time (40 hours) during summer break; usually on closing shifts until 12:30 AM.
- Worked part-time (20 hours) during the school year.
- Operated clamshell grills, fryers, toasters, CVaps, and Thermodynes.
- Made orders on demand while following the standard operating procedures.
- Trained on A&W standards and WHMIS.
- Worked cooperatively with a team or independently in kitchen operations.

Packer, Roger's Custom Meats (1981) LTD; Prince George, BC — 2019-01 to 2020-03

- Labelled products with pricing guns and labeling machines.
- Operated vacuum sealers, scales, and plastic film machines.
- Boxed items according to customer orders.

Go Tutor; Prince George, BC — 2018-04 to 2018-09

- Tutored student in the board game of Go

Projects

- **Personal website (leoduan.com)** - Personal website. Built with Next.js and TypeScript.
- **Lerna (www.lerna.app)** - Notes collection (mostly designed for IB) and STEM competition preparation platform. Built with Next.js, TypeScript, and L^AT_EX with PyLaTeX.
- **Inka (www.inka.earth)** - Acronym for “Inka’s Not Khan Academy”. Question bank for the digital SAT and IB subjects. Collaborated with friends to create practice questions. Built with Next.js, TypeScript, and L^AT_EX.
- **FiddleLeaf (fiddleleaf.vercel.app)** - A music transcription library. Built with Next.js and TypeScript. Created scores using MuseScore.

Achievements

2024	Honorable Mention, Toshiba/NSTA ExploraVision
2024	4th place (out of 78 teams), Quizzics at the 46th UBC Physics Olympics
2023	Highly Commended, Minds Underground Essay Competition in Mathematics
2020	Strategy and Innovation Award and Rising Star Award, FIRST Lego League
2020	2nd place, Battle of the Books
2015, 2016	2 gold medals and 1 silver medal, regional Go championship

Extracurriculars

Science

2024 Student - Quantum School for Young Students (University of Waterloo; online)
2023-2024 President - Physics Club
2023-2025 Member (11), President (12) - Science Club

Music

2024 Trumpeter - Vancouver Youth Jazz Orchestra. Played at the Vancouver International Jazz Festival 2024.
2023-2024 Founder, president, trumpeter, arranger - Music Club. Played at the NWSS Jazz Night 2023.
2022-2023 Trumpeter - Shrek the Musical
2021-2023 Trumpeter - NWSS Jazz A and B
2022 Trumpeter - Noxious Obs Marching Band

Others

2023-2024 Co-president - Indigenous Events Committee

Languages

- English (speak, listen, read, write)
- Mandarin Chinese (speak, listen, read)