

Jayden Wong

About Me

Experienced Software Developer with 4 years in the field, combining strong technical prowess in C/C++, Java, JavaScript, Python, and REST APIs with a background in teaching. Demonstrates exceptional problem-solving and teamwork abilities, refined across technology and hospitality sectors. Aims to employ this unique skill set to develop impactful software solutions.

Experience

Math Instructor

Mathnasium

2023 April - Present

- Personalized Instruction
- Diverse Problem Solving
- Reflective Learning
- Rotation Tutoring System
- Progress Monitoring
- Collaborative Team Environment

Food Expeditor

Cactus Club Café

2023 May - 2023 August

- Quality Control and Plating Inspection
- Effective Station Coordination
- Inventory Management
- Passthrough Management
- Order Staging and Delivery
- Health and Safety Compliance

Cofounder & Chief Technical Officer

Gravity Assisted Particle Separation Systems

2020 January - 2023 April

- Researched optimality of fluid dynamics
- Sensor suite development
- Development and implemented IP protection strategies
- Oversaw innovation development
- Lead research team for development of new research



- (403) 919-7088
- jaywong8288@gmail.com
- 2142 E 53rd Ave,
Vancouver BC, V5P 1X7

Education

Bachelor of Applied Science

University of British Columbia
2019-2024

Skills

- Java
- C/C++
- Python
- JavaScript
- Operating Systems
- Linux
- Software Development
- REST APIs
- Git
- AWS Services

Links

- <https://github.com/JaydenCWong>
- <https://www.linkedin.com/in/jaydenwong>

Language

- English
- French

Personal Projects ---

Ray-Traced Graphics Renderer

Wrote a ray tracing graphics renderer in C++.

Features:

- Antialiasing
- Emissive materials
- Hermitian Smoothing
- Perlin textures

Tiny Compiler

Wrote a compiler in python to compile a small BASIC-like language to C code.

Things I learned:

- Lexical Analysis
- Syntactic Analysis
- Code Generation