

# Yujie Peng

672-558-2779 | pengyujie.ca@gmail.com | 510 Agnes, New Westminster, BC, V3L0J6

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## Skills

**Programming Languages:** JavaScript, TypeScript, Java, Python, C++, C#

**Web Dev:** React, ASP.NET Core, HTML/CSS, Next.js, Tailwind CSS, Web APIs

**Backend:** Node.js, Django, RESTful APIs, GraphQL, SQL Server, MongoDB

**Tools:** AWS, Docker, Jest, Playwright, Git, CI/CD, Figma

## Experience

**Research Developer**, Learnification Labs, Simon Fraser University – Vancouver, BC May 2024 – Present

- **System Design:** Reduced grading steps to one click, increasing efficiency by 15%, by developing an AI-powered educational tool for Learning Management Systems using Docker and Plasmio.
- **Testing & Validation:** Conducted functional and performance tests to ensure software met educational requirements.
- **Documentation:** Authored technical documentation, user guides, etc, enabling seamless handoffs to new members.

**AI Training Advanced Coder**, Outlier - Vancouver, BC Jun 2024 – Present

- **Code Evaluation:** Evaluated AI-generated code for accuracy and efficiency, enhancing model reliability and usability by identifying bugs and inefficiencies.
- **Quality Assurance:** Contributed to the enhancement of AI models by performing detailed analysis and feedback.

**E-Commerce Operations Manager**, TikTok, Bytedance Sep 2021 – Dec 2022

- **Issue Management:** Identified, tracked, and resolved performance issues during large-scale marketing events, optimizing platform reliability and user experience, and exceeding GMV targets by over 100%.
- **Collaboration:** Partnered with cross-functional teams to test new features and provide feedback for improvements.

**Marketing Manager**, Trip.com Group Jul 2017 – Apr 2021

- **User Experience Optimization:** Led CMS-driven digital marketing projects, increasing user engagement by 12% and improving conversion rates through collaborative platform enhancements.
- **Testing & Feedback:** Coordinated with design and development teams to test and refine marketing features, enhancing overall user experience.

## Projects

**Copilot Grading Tool** [copilot-grading-tool.rtfid.io](https://copilot-grading-tool.rtfid.io)

- Developed and tested an AI-assisted grading extension for Learning Management Systems, leveraging local GenAI LLM with Ollama and Docker, reducing the grading process by 15% with automated workflows.

**Purrfect Neighbors** [purrfect-neighbors](https://purrfect-neighbors.com)

- Built and maintained a React frontend and a Node.js backend for the pet adoption platform, optimizing queries with GraphQL and Redis caching, resulting in a 25% improvement in data retrieval speed.

**EasyGrammar** [easygrammarapp.netlify.app](https://easygrammarapp.netlify.app)

- Conducted UI design and development of an AI-based English learning app using React and OpenAI, conducting comprehensive functional tests to ensure seamless user experience across devices.

## Education & Certification

**AWS Certified Solutions Architect - Associate** Jan. 2025

**Langara College** – Diploma in Computer Studies Jan. 2023 – Aug. 2024

**Wuhan University of Technology** – Master of Journalism and Communication Sep. 2015 – Jun. 2017

**Wuhan University of Technology** – Bachelor in Laws Sep. 2011 – Jun. 2015