

Ina Lee

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TECHNICAL SKILLS

Languages: Java, C, C++, Python, TypeScript, Bash, HTML/CSS, R

Frameworks: Next.js, Node.js, Swing, JavaFX, JUnit, MariaDB, Pandas

Tools/Operating Systems: Selenium, XShell, Git, Linux, AWS, Cloudflare, Docker, Kubernetes, MySQL, NumPy

EDUCATION

The University of British Columbia	Sep 2023 – Present
<i>3rd Year in Bachelor of Computer Science (CGPA: 3.83 (88.5%))</i>	Vancouver, BC
Google Machine Learning Bootcamp	Jul 2024 – Oct 2024
<i>Machine Learning Bootcamp</i>	Remote
AWS Cloud School	Mar 2024 – Aug 2024
<i>Cloud Computing Bootcamp</i>	Seoul, South Korea
• Improved skills in network, virtualization, and AWS through 9-hour daily course sponsored by AWS Korea	
The University of British Columbia	Sep 2018 – Jun 2020
<i>Master of Journalism</i>	Vancouver, BC
Ewha Women's University	Feb. 2011 – Aug 2017
<i>Bachelor of Arts, Honours in Journalism</i>	Seoul, South Korea

PROJECTS

Personal Tech Blog (inalee.dev) Solo <i>Next.js, TypeScript, Cloudflare</i>	Jul 2025 – Present
• Built and deployed a performant personal blog using Next.js and Cloudflare Pages	
• Wrote original articles on data structures, systems, and engineering practices	
• Integrated MDX with custom components to support diagrams and syntax highlighting	
Course Insights Management System (InsightUBC) Collaborative <i>TypeScript, Git</i>	Jan 2025 – Apr 2025
• Developing a TypeScript-based API for managing and querying UBC course data	
• Implementing support for EBNF-based query parsing, data validation, and optimized storage	
Test Session Data Management Automation Collaborative <i>Python, Selenium, Pandas</i>	Nov 2024 – Apr 2025
• Implementing automated workflows with Python and Selenium to interact with dynamic web pages and 2FA	
• Utilizing Pandas to extract structured data, reducing manual effort and improving efficiency	
AWS Web Maker Collaborative <i>AWS, JavaScript, HTML / CSS, Shell</i>	Jun 2024 – Jul 2024
• Developed an automated 3-tier AWS web server creation tool, enabling one-click deployment	
• Utilized Amazon S3 for static web hosting and Amazon RDS (MySQL) for database management	
• Integrated JavaScript, HTML/CSS, and Shell scripting to streamline web deployment processes	

EXPERIENCE

Computer Science Teaching Assistant — CBTF, CPSC 210, CPSC 213	Sep 2024 – Present
<i>The University of British Columbia</i>	Vancouver, BC
• Led lecture and lab sessions for Computer Systems and Object-Oriented Programming courses	
• Guided students through concepts like assembly, memory layout, and software design patterns	
• Designed a Python script automating data extraction from PrairieTest and Deputy API to manage test sessions	
• Provided technical support and ensured smooth operation of test software for students and instructors	
Administrative Assistant	Apr 2021 – Oct 2023
<i>Inclusive Excellence Strategy Solutions Inc.</i>	Vancouver, BC
• Tracked the company's EDI (Equity, Diversity, and Inclusion) project timelines and invoices using spreadsheets	

AWARDS & ADDITIONAL ACTIVITIES

UBC Guest Speaker & Panelist – Computer Science Transfer Panel Event	Nov 2023
<i>Langara College</i>	Vancouver, BC
• Shared insights and experiences as a UBC representative at a transfer information event of a local college	