

# Shohei Yoshida

syouhei.y.01@gmail.com • <https://github.com/shohei81/cv>

SUMMARY	Senior at the University of Tsukuba with an interdisciplinary background in International Studies and Computer Science. Possess a strong analytical foundation from both humanities research methodologies and foundational science/engineering coursework. Focus on leveraging this dual perspective to pursue innovative research in Probabilistic Computing.	
EDUCATION	<b>Fukushima Prefectural Shirakawa High School</b> , Shirakawa, Fukushima, Japan	
	▪ Science and Mathematics Course	Apr 2019 – Mar 2022
	<b>University of Tsukuba</b> , Tsukuba, Ibaraki, Japan	
	▪ Bachelor of Arts in International Development (Expected Mar 2026)	Apr 2022 – Present
	• College of International Studies (from April 2023 to Present)	
	• Initially enrolled in: The School of Comprehensive Studies, Cluster 1 (April 2022 - March 2023)	
	• Cumulative GPA: 3.32	
RESEARCH PROJECTS	▪ <b>Adaptive Data Acquisition via Information Theory for GenJAX Programs</b>	Present
	• Applying and exploring generic entropy and information theory-based estimation techniques within probabilistic programs (GenJAX) to enable more efficient and adaptive data acquisition strategies.	
	• Focus: Probabilistic Computing (GenJAX), Information Theory, Entropy Estimation, Bayesian Optimization.	
LANGUAGES	▪ Japanese: Native language.	
	▪ English: Fluent (speaking, reading, writing; TOEIC L&R: 805).	
	▪ German: basic (speaking, reading, writing).	
COMPUTER SKILLS	▪ <b>Programming Languages:</b> Python, C++, SQL, Julia, JavaScript	
	▪ <b>Frameworks &amp; Libraries:</b> Node.js, JAX, pandas, scikit-learn, Gen, OpenGL	
	▪ <b>Tools &amp; Platforms:</b> GCP, Git, GitHub, Linux, SQLite, Docker, $\LaTeX$	
WORK EXPERIENCE	<b>Japan Business Art inc.</b> , Tokyo, Japan	
	▪ Student Intern	Mar 2023 – Oct 2023
	• Analyzed past internal corporate newsletters to identify client companies' internal communication challenges and areas for improvement.	
	• Contributed to the planning, proposal, and design of internal newsletter content and layouts intended to address client companies' internal issues.	
	• Edited and refined internal newsletter content to improve clarity and engagement.	
	• Supported the creation of Investor Relations (IR) materials through research, content proposal, and editorial review.	
CAMPUS ACTIVITIES	<b>University of Tsukuba Tea Ceremony Club</b> , University of Tsukuba	
	▪ Treasurer, Web and SNS Manager	Jan 2023 – Dec 2023
	• As Treasurer, responsible for creating and managing the club's budget and finances.	
	• Organized and managed tea ceremony events.	
	• Maintained the club's official webpage and managed its social media presence.	
	• Participated in the 33rd Urasenke Student Seminar hosted by the Urasenke Tankokai General Headquarters.	
PERSONAL PROJECTS	<b>Hacker News Summarizer</b>	<a href="https://github.com/shohei81/HN_summarizer">github.com/shohei81/HN_summarizer</a>
	▪ Automated tool to fetch top Hacker News stories, summarize them using Gemini LLM, and deliver them directly to users via email or Slack.	
	• Delivers concise summaries of trending tech news, enabling users to efficiently stay informed on key topics and save reading time.	
	• Key technologies: Python, Docker, GCP	

[CV compiled on 2025-05-28]