

JASON JELINCIC

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EDUCATION

California Polytechnic State University, San Luis Obispo

Graduating June 2026

Bachelor of Science in Computer Science

GPA:3.75

Concentration in Artificial Intelligence with Minor in Chinese

Relevant Coursework: Data Structures, Introduction to Computer Organization, Project-Based Object-Oriented Programming and Design, Discrete Structures, Statistical Methods for Engineers, and Intermediate Mandarin II.

WORK EXPERIENCE AND RESEARCH

Frontend Software Developer | Hack4Impact Cal Poly

October 2023 – Present

- Developed a personal website using Next.js, TypeScript, JavaScript, MongoDB, Node.js and Express.js, hosting the website through GitHub Pages during the Hack4Impact bootcamp.
- Gained hands-on experience in web development, optimizing site usability, and adhering to coding standards.

Deep Learning Student Researcher | Cal Poly SLO Computer Science Department

September 2023 – Present

- Explored state of the art machine learning and deep learning models for search and rescue.
- Managed and maintained the cloud infrastructure required for our computing needs using AWS and MarkLogic.
- Cleaned and analyzed a database of over 200k lost person case files using Pandas with the goal of estimating a lost person's location instantly using neural networks and deep learning.

Lead Instructor | Galileo Learning

June 2021 – July 2023

- Developed and facilitated all camp activities for over 200+ campers of various age levels.
- Bridged language gaps by delivering instructions in both English and Mandarin to groups of up to 32 campers.
- Supervised Team Leaders/Assistant Instructors working in my program area and supported their professional development goals through individual feedback.

PERSONAL PROJECTS

AIFred | Cal Hacks 10.0

October 2023

- Created a hands-free chatbot experience with the help of OpenAI API's and Sudo's Bark API on HuggingFace.
- Developed a frontend using Reflex and a mix of HTML and CSS, hosting the website through GitHub Pages.
- Integrated speech recognition and text to speech while working with a large language model (LLM).

Workout Tracker | MERN Stack, HTML5, CSS

June 2023

- Built a fully functional MERN stack application so my peers and I could better track our workouts.

Amazon Web Services Cloud Practitioner | Udemy

August 2023- Present

- Gained insightful knowledge on the essential elements of AWS including but not limited to EC2 instances, IAM roles, lambda, elastic load balancing, S3 storage, and auto scaling groups.

CAMPUS INVOLVEMENT

Outreach Officer, Computer Science and Artificial Intelligence Club

March 2023 – Present

- Spearheaded outreach operations for the largest CS club on campus with over 400+ active members.
- Achieved a record-breaking 500% boost in member engagement within our first week.
- Supporting the development of projects, workshops, and lectures made to build our members understanding of AI.
- Managing the club's social media team; organizing meeting times, facilitating AV setup and teardown for all club events, managing the club's social media platforms, and facilitating content creation.

LANGUAGES AND FRAMEWORKS

AWS, Java, Python, C, JavaScript, TypeScript, HTML&CSS, React, Next.js, Node.js, Express.js, NoSQL, MarkLogic