ETHAN-JAMES GASPAR

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EDUCATION

Seattle University   **B.S in Computer Science**   **June 2026**
Minor in Finance

Overall GPA: 3.532

SKILLS

Languages: C++, Python, SQL, HTML/CSS, JavaScript
Tools/Frameworks: GitHub, React (familiar), ASP.NET (familiar)
Platforms: AWS, Oracle Cloud Infrastructure

EXPERIENCE

Software Engineer - *Earth Economics (Capstone)*   **September 2025 - Present**
- Engineering an encoder-based data pipeline to generate relevance grades on research articles, streamlining research tasks.
- Utilizing ScopusAPI from Elsevier's commercial research journal database to efficiently fetch and parse article data.
- Assessing cloud-based vs. local-model deployments, collaborating with management to guide design decisions.
- Collaborating on a 4-person agile team, utilizing scrum methodology for sprints and GitHub for version control.

IT and Automations Intern - *Servpac Inc.*   **June 2025 - August 2025**
- Built Lua-based automation to streamline inventory tracking, reducing task time by 68% and tripling efficiency.
- Collaborated with engineers to configure and deploy various networking devices for commercial use.

LEADERSHIP

President - *Seattle University Martial Arts Association*   **June 2025 - Present**
- Led a student organization of 80+ members and 5 officers, overseeing operations, event management and more.
- Successfully lobbied for the reimbursement of over $4000 worth of club equipment from university leadership.
- Expanded club membership by over 400% through strategic outreach events and consistent social media engagement.

Resident Advisor (RA) - *Seattle University*   **September 2024 - June 2025**
- Led mentoring and community-building efforts with other RA's to provide consistent support to ~650 student residents.
- Acted as a liaison between students and administration for 10+ incidents, mediating conflicts and reporting concerns.

Officer and Instructor - *Seattle University Martial Arts Association*   **September 2023 - June 2025**
- Handled donations and played a key role in acquiring thousands of dollars worth of equipment to kick-start club.
- Organized dozens of training and social events through collaboration with other officers and student government.
- Led martial arts classes of 12+ members, ensuring a safe and positive training environment.

PROJECTS

Code Refactoring and Smell Detection Tool - *Python, AST, FreeSimpleGUI*   **April 2025 - June 2025**
- Built a Python based refactoring tool which automatically detects and refactors 3 types of poor code structures (code smells).
- Leveraged Abstract Syntax Tree (AST) library for parsing; implemented configurable detection thresholds for flexible use.
- Built interactive GUI using FreeSimpleGUI (open-source fork of PySimpleGUI) to ensure cost-free and streamlined use.

Web Scraper for Books to Scrape - *Python, Scrapy, Pandas*   **June 2024**
- Built a web scraper in Python using the Scrapy web-scraping library to extract data from HTML.
- Implemented data pipelining to automatically clean and export data to a formatted CSV file using Pandas.
- Restricted usage to the Books to Scrape sandbox site for legal and ethical purposes.

Computer Science Help Center Website - *HTML/CSS, JavaScript, PHP*   **March 2024 - June 2024**
- Developed Help Center's Practice Section (24 web pages), responsible for UX and back-end functionality.
- Implemented in-browser code execution via ACE editor, and a PHP backend.

HONORS AND CERTIFICATIONS

OCI 2025 Generative AI Professional - *Oracle*   **August 2025**
Deans List - *Seattle University*   **Winter '23, Spring '23, Fall '24, Spring '24, Winter '25**

ADDITIONAL INFORMATION

Work Eligibility: Eligible to work in the U.S. with no restrictions.
Interests: Brazilian Jiu-Jitsu, spearfishing, hiking