

# Cody Tan

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## EDUCATION

University of Washington—B.S. in Informatics (Data Science)

Seattle, WA

Expected Graduation Date: January 2026

## WORK EXPERIENCE

### F5 Networks — Software Engineering Intern

F5 Inc., Seattle, WA

June 2024 — September 2024

- Translated all management VLAN RESTCONF configuration cURL commands to Python, eliminating need for manual configuration, reducing configuration time by over 80%.
- Developed a Python script automating the configuration of management VLANs across various management IPs, including system controllers, partitions, and tenants, ensuring 100% test case passes for system configurations.
- Leveraged Docker for advanced containerization in a Linux environment, maintaining seamless deployment pipelines and environment consistency across development and production stages.

### Tanoor Restaurant — Website Designer

TANOOR, Sammamish, WA

January 2024—June 2024

- Reconstructed Tanoor's website, addressing UI and customer experience issues using React and HTML/CSS.
- Addressed 10+ web page routing issues, resolving gallery page loading latency by 5 seconds on average.
- Implemented an online employee application page using Firebase, cutting server processing time down by 20%.
- Enhanced on-page SEO—adjusting page structures, tags, and keywords driving website traffic up by 9%.

### TongLe Chinese School — Web Development Intern

TongLe Culture Technology Co., Bellevue, WA

September 2021—June 2022

- Engineered Node web app using Javascript, React, and HTML/CSS for access and publication of online curriculum.
- Drove a 20% average decrease in resource allocation time, increased positive student ratings by 15%.
- Fostered student engagement by collaborating with 10+ teachers to design interactive educational material.

## PROJECTS

### League of Legends Language Customization Tool

March 2024

- Created a program using PowerShell to allow customization of *League of Legends* client language.
- Integrated functionality into a GUI using WPF, addressing decade-long issue of region-locked language selection.
- Custom-tailored the program with feedback of 100+ players, fostering an environment of language learning, diversity, and inclusivity.

### HuskyMaps AutoComplete

October 2023

- Designed a class that returns list of locations in response to user input using three approaches: binary search, sequential search, and using a TST.
- Reduced search query runtimes by 8%.
- Implemented class into navigation app personalized to UW students with real-time traffic and safety reports.

## LEADERSHIP AND INVOLVEMENT

### UW Lambda Phi Epsilon Webmaster and Communications Vice President

University of Washington, Seattle, WA

January 2024—Present

- Maintained chapter website implementing news feed and posting features regarding philanthropic endeavors using React and HTML/CSS.
- Organized bone marrow drives with philanthropy organization, NMDP, registering 400+ donors in 3 months.

## SKILLS

- Web Development:** Javascript, HTML, CSS, Java (Spring)
- Front-end Frameworks:** React, WPF, Node.js
- Databases:** SQL, PostgreSQL, MySQL, MongoDB
- Languages:** R, Java (Object-Oriented Programming), Python, C++, PowerShell
- DevOps & Tools:** Docker, CI/CD, Jira, Git
- Methodologies:** Agile development, Scrum

## HONORS AND RELEVANT COURSEWORK

**Relevant Coursework :** Data Structures & Algorithms, Databases and Data Modeling, Computer Programming III in Java

**Honors:** Dean's List (All semesters), IB Diploma, Washington State Seal of Biliteracy in Mandarin and English