

Christopher Tamayo

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EDUCATION

Santa Clara University | Bachelor of Science in Computer Science and Engineering

June 2024

- GPA: 3.99/4.0
- Activities and Societies: University Honors Program, Tau Beta Pi Honors Engineering Society, Alpha Sigma Nu Honor Society, Theta Tau Professional Engineering Fraternity (Recruitment Chair, Brotherhood Chair)

EXPERIENCE

Amazon

September 2024 – Present

Software Development Engineer

Seattle, WA

Amazon

June 2023 – September 2023

Software Development Engineer Intern

Seattle, WA

- Developed distributed Apache Flink Java application to aggregate transaction data across different time ranges for Selling Partner reports, increasing aggregation types by 300%
- Implemented configuration-based aggregation engine using Java and AWS AppConfig for dynamic specification of aggregation attributes and types, reducing development time for new aggregation types
- Stored data in AWS DynamoDB with optimistic locking in Java, ensuring data consistency during concurrent updates
- Deployed Flink application in AWS Kinesis Data Analytics to enable real-time data processing and analytics
- Defined infrastructure as code in TypeScript using AWS CDK to effectively create and manage AWS resources

Amazon

June 2022 – September 2022

Software Development Engineer Intern

Seattle, WA

- Migrated high-traffic payments reporting API (3B+ monthly requests) to retrieve financial data from a newly introduced backend query service, improving extensibility and reducing operational workload
- Manipulated request data to retrieve business events from 2 new query service APIs using Java
- Transformed and deserialized query response data in Java, ensuring backwards compatibility for 10,000+ users

American Savings Bank

June 2021 – August 2021

Information Technology Banking Systems Intern

Honolulu, HI

- Corrected data mapping in MuleSoft services to centralize customer information in Salesforce databases
- Developed scrum order randomizer web application using HTML, CSS, and JavaScript in ASP.NET MVC framework
- Documented troubleshooting steps for MuleSoft project deployments in Anypoint Studio to assist new developers

SKILLS

Languages: Java, JavaScript, HTML, CSS

Frameworks: React, Node.js, JUnit, Mockito, Apache Flink, Bootstrap

Developer Tools: Git, Amazon Web Services, Figma