

# Dustin Duong

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## EDUCATION

### Santa Clara University, College of Arts and Sciences

09/2022 – Present

*B.S. in Computer Science (Anticipated Completion: 6/2026)*

*Santa Clara, CA*

- GPA: 3.65/4.0
- Related Coursework: Embedded Systems, Logic Design, C++ and OOP, Data Structures, Theory of Algorithms, Computer Security, Programming Languages, Design and Management of Software, Discrete Mathematics

### Santa Clara University, Leavey School of Business

09/2022 – Present

*B.S. in Management Information Systems (Anticipated Completion: 6/2027)*

*Santa Clara, CA*

- GPA: 4.0/4.0

## EXPERIENCE

### Stage 4 Solutions - SDE Intern

06/2025 – Present

- Built **Chrome** extension increasing sales lead generation by **300%** to 10+ leads/min
- Implemented HubSpot automation workflows to optimize business processes and improved lead conversion rates
- Developed agent with knowledge of financial markets from company 10-K and 10-Q SEC filings

### REC Exchange - SDE Intern

04/2024 – 06/2024

- Conducted market research on RECs, wrote documentation, and researched potential customers
- Contributed a landing page with authorization and persistent authentication

## TECHNICAL SKILLS

- **Languages:** Java, Javascript/Typescript, Golang, C++, SQL, HTML, Scala
- **Frameworks:** Spring, Spring Boot, React.js
- **Developer Tools:** Git, Virtual Box Machine, MySQL Workbench, Postman, Curl, Google Cloud, AWS, Next.js, Node.js, Docker, Ollama, MacOS, Linux, Unix, Jenkins, Jira, n8n, zsh
- **Skills:** Full-Stack, Problem solving, Team collaboration, Team player, Verbal communication, communication skills, automated testing, detail-oriented, organizational skills, machine learning, cloud computing, user interface, data science, operating systems, functional programming, Agile, CI / CD, Fintech, JSON, DevOps

## PROJECTS

### Government Document Newsletter

6/2025 – Present

- Developed personalized newsletter workflow that sends personalized reports from federal register publications
- Automated CRUD workflows with n8n using **Docker** and **Postgres**
- Labeled data with **Ollama** models and mapped documents to users interests with semantic similarity

### Federal Reserve Agent

05/2025 – 5/2025

- Developed a RAG agent knowledgeable on new regulations and proposal with **n8n**
- Performed CRUD operations with Federal Reserve's APIs
- Implemented sentiment analysis with **AWS Comprehend** on legislation comments

### Chrome Extension for Workday Course Registration - SCU Schedule Helper

08/2024 – Present

- Increased users by **60%** with automated marketing mailing list
- Managed team organization and feature development with **Jira**
- Spearheaded frontend/backend development of **Chrome** extension, helping **400+** users register for courses
- Engineered **Workday** injection scripts, **Next.js** popup interface, friend network, and AI advisor functionality
- Implemented **RESTful services** and **CRUD** operations with **AWS Lambda** functions
- Iterated through **software development life-cycle**, which included **10+** pages of user and system requirements, **Figma** screens, implementation plan, **UML** (Class, Database, Activity Diagrams), and user testing

### Viginere Cypher Webevent

08/2024 – 09/2024

- Coded interactive viginere cypher webevent with **Next.js**
- Implemented **Google** authentication system, data retrieval system, and data publish system with **Firebase**

## CERTIFICATES

### Meta Back-End Developer Certificate | *Python, Github, Django, Bootstrap, Rest API*

09/2023 – 02/2024

- Completed 6 courses with 95% average score across 30+ labs and modules
- Practiced APIs, Django Web Framework, version control, programming in python, and databases

## ORGANIZATIONS AND LEADERSHIP

### Theta Tau - Professional Engineering Fraternity

03/2024 – 3/2025

*Professional Development Chair*

- Led 5-person committee organizing 3 successful technical skills, soft skills, and career related workshops
- Increased workshop attendance by 30%, achieving 100+ total attendance