

# NATHAN YUAN

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## Technical Expertise

### AI & ML Fullstack Software Engineer II, C3.AI via Paradyme Inc.

June 2024 - Present

Enterprise solutions engineering and software development at client C3.AI in the federal space (DoD)

[C3.AI Decision Advantage](#) | [C3.AI Contested Logistics](#)

- Partnered w/ project managers to prepare app features for demo flows & contributed to client meetings to discuss feature requirements
- Agentic AI Agent Hackathon: Collaborated in a cross-functional team to design and develop an Agentic AI agent built off of C3 platform that could utilize tools to streamline github PR creation
- Supported the C3.AI training team to beta test new Machine Learning Forecasting Project capstone course and provide key feedback that helped shape the final product resulting in earning a [certificate](#) for completion
  - Utilized time-series forecasting techniques to predict the power output of a wind turbine for the next 7 days
  - Feature engineered tabular and named features to achieve a 35% relative improvement over the baseline model
  - Scored 100% capstone grade, successfully creating a LightGBM pipeline from end to end on the C3.AI platform
- Maintained end to end ownership of key features alongside proof of concepts, tech specs, development, and documentation to define a path forward such as:
  - Ingress and Egress Restful API to request and send data between web apps utilizing OAuth2 for authentication
  - Import / Export Microsoft documents in different formats using Pandas for data table manipulation and parsing
  - Messaging between users with chat history and user search

### Technical Specialist, Apple

May 2019 - May 2020

- Triaged hardware / software issues with iOS devices in client facing role, performed diagnostics and produced technical writing for record keeping of solutions
  - Excelled in cross-functional team collaboration environment involving different departments and roles that harmonized together to deliver a great customer experience from end to end
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## Education

### Bachelor's Degree in Computer Science at University of California Santa Cruz

Additional Trainings: Nvidia Deep Learning Institute: Generative AI Explained, Apple Certified iOS Technician (ACiT)

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## Leadership and Interpersonal Expertise

### Software Engineer Team Lead, Paradyme Inc.

January 2025 - Present

- Led and supported growth of engineering team and bridge communication between them and executive leadership
- Onboarded and guided 20+ new team members as well as streamlining onboarding systems decreasing onboarding period by more than 60%
- Screened potential candidates for engineering roles and conduct technical interviews resulting in stronger engineering new hires
- Led sprint retro and standup meetings as scrum master / agile leader along with demoing features

### Public Relations Board Member / Social Media Coordinator Staff Member

September 2022 - June 2023

Chinese Student Association & Korean American Student Association

- Delivered club updates at weekly general meeting to about 50-100 members along with creating and leading icebreaker activities, facilitating a common space to interact with one another
  - Expanded networks and partnerships two fold by managing social media accounts and initiating outreach to other campus organizations or local businesses in the area like Poke House raising 100s of dollars in club funds and creating meaningful relations.
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## Skills

**Tech Stack:** Python, JavaScript, React.js, TypeScript, HTML, CSS, Json, SQL

**Technical Skills:** APIs, Github Version Control, Terminal Environments, Jira, Clusters & Artifact Deployment, Python runtimes, Google workstations

**AI:** Artificial Intelligence, Machine Learning & Natural Language Processing / Large Language models, Prompt Engineering, Hyper Parameter Tuning, Pandas, Feature Engineering

**Soft Skills:** Collaborative Leadership, Communication, Adaptability, Problem Solving, Time Management, Cross-functional Teamwork, Mentorship, Stakeholder Engagement, Technical Writing, Decision Making