

Evan Ngo

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Education

University of Texas at Dallas

Bachelor of Science in Computer Science

May 2025

GPA: 3.8

Relevant Coursework: Data Structures & Algorithms (Java), Automata Theory, Operating Systems

Technical Skills

Languages: Python, Java, C, C++, JavaScript, TypeScript, Golang, HTML, CSS, SQL

Tools & Frameworks: ReactJS, Flask, Spring Boot, Terraform, AWS, NodeJS, ExpressJS, AngularJS, Mockito, REST, React Native, Pandas, NumPy, TailwindCSS, Git, D3.js, Google Cloud, JIRA, Figma, Postman

Databases: DynamoDB, MongoDB, Firebase, Postgres

Professional Experience

JPMorganChase | Software Engineering Intern

Jun. 2024 – Present

- Working in the Consumer & Community Banking sector in the FAS (Fulfillment & Archive Services) organization
- Programmed **Terraform** script to create a new **KMS key**, an **S3 bucket**, and raise **2 IAM roles** to read/write data
- Constructed **unit tests** in **Mockito** ensuring high code quality and detecting vulnerabilities, getting **95% coverage**
- Engineered a **Data Registration app** that creates a pipeline to register **50+ datasets** before ingestion to DataLake
- Built an **API** to manage file transfers on an **S3 bucket** deployed on an **ECS cluster** and routed through **Route53**
- Utilized **Terraform** to connect **AWS Glue** table to **S3 bucket** for **ETL** operations on data, generating a CSV file
- Technologies Used:** *Java, Spring Boot, Terraform, AWS (S3, ECS, Lambda, Glue), ReactJS, Typescript, Mockito*

Fannie Mae | Software Engineering Intern

Jun. 2023 – Aug. 2023

- Contributed to the Cloud Governance org. as part of the JIT (Just in Time)/ICR (Interface Control Registry) team
- Maintained the JIT website & fulfilled **10+ support tickets** weekly to ensure smooth data access for data scientists
- Deployed **AWS Lambda** function to pull JIT session data from **DynamoDB**, write to a CSV file and upload it to an **S3 bucket**, sending a scheduled email every month with the data, leading to a **15% increase in production**
- Configured the ICR code to deploy on top of **Lambda Layer** with its dependencies to allow easy package updates
- Technologies Used:** *Python, AWS (S3, EC2, Lambda, CloudWatch, DynamoDB), AngularJS, Typescript*

Projects

CodeInsight | *Flask, Python, D3.js, Groq, Mistral AI, HTML*

Feb. 2025

- Won 1st place for “Best Code Analysis Application” at Treehacks, a Stanford hackathon with over 1000+ hackers
- Developed an interactive code analysis tool that leverages Python’s Abstract Syntax Tree to extract function def., build a comprehensive function call graph, generating JSON outputs to visualize dependencies with D3.js
- Integrated AI chatbot powered by Groq’s Mistral model, enabling developers to receive contextual explanations on how multiple functions work together, and ask clarifying questions about the codebase or specific lines of code

Prop-er | *ReactJS, NBA_API, Flask*

Sep. 2024 – Oct. 2024

- Architected a full-stack basketball analytics application leveraging Flask and React.js, integrating the nba_api to provide live player statistics, game scores, and player information updating in real-time 3s faster than ESPN
- Implemented RESTful APIs for live scoreboard updates, player statistics retrieval, and database interactions

In the Moment | *React Native, MongoDB Realm, Figma*

Jan. 2023 – May 2023

- Coordinated with 3 teammates to build a mobile app that maximizes productivity by muting distracting apps
- Designed 10+ screens on Figma and implemented them using React Native ensuring proper UI/UX practices

Leadership & Activities

HackUTD | Experience Officer

Sep. 2023 – May 2025

- Collaborated with the Officer team to organize and plan 2 iterations of HackUTD, the largest 24 hour hackathon
- Planned 10+ engaging workshops during the event, ranging from technology help, networking events, and socials

Alpha Kappa Psi | Chief of Compliance

Dec. 2022 – May 2023

- Partnered with the Executive Board to plan recruitment events for over 250 applicants and 70+ active members
- Oversaw 90+ members ensuring conflicts were fixed, keeping the ethics/overall goals of the fraternity in mind