

Rafid Nasery

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EDUCATION

The University of Texas at Dallas

Bachelor of Science in Computer Science, GPA: 3.85/4

Richardson, Texas

May 2026

EXPERIENCE

Jack Henry

Software Engineering Intern

Allen, Texas

June 2025 – Current

- Designed and executed schema changes for new InstitutionSettings-related tables using **SQL and Flyway**, migrating schema updates to **GCP Spanner**, adding **110+** field settings for financial institutions to override
- Built and integrated 4 new **RESTful** endpoints in our CORE Configuration Service using **C# .NET** and the **CLEAN architecture**, enabling the use of newly added InstitutionSettings tables across our **5** CORE banking gateways
- Developed and deployed a **GitHub Action** to compare code generated **OpenAPI Swagger specs** against public **API documentation**, notifying Business Analysts via Microsoft Teams with a PDF report, finding **140+ discrepancies**
- Participated in **SAFe** ceremonies, including **PI Planning** and **daily standups**, using **JIRA** to manage sprint tasks while collaborating cross-functionally with developers, QA, and business analysts to **deliver sprint goals**

The University of Texas at Dallas

JSOM Web Developer

Richardson, Texas

Dec 2023 – May 2025

- Managed and updated **6 websites** for the Jindal School of Management (JSOM), using **JIRA** to track and resolve **over 800 tickets**, directly improving user experience and ensuring alignment with university brand standards
- Developed and launched websites for university organizations and created reusable **HTML/CSS/JavaScript** email templates, deploying through **WordPress** and **Oracle Email Delivery**, leading to streamlined communication
- Enhanced code maintainability by implementing **BEM CSS** naming conventions and integrating **PostCSS** into the existing **CSS** codebase, significantly reducing redundancy and improving styling consistency

Verizon

Network Automation Engineering Intern (DevOps)

Southlake, Texas

June 2024 – Aug 2024

- Created a one-touch automation for security scanning **GitLab** repositories using the **Ansible Automation Platform** and **Fortify SCA**, achieving **70%-time savings** on security scans company-wide
- Integrated Fortify automation **scripts** into **GitLab CI/CD pipelines** using **GitLab Runner**, enabling continuous security checks upon any merges with the main branch, bolstering code quality and vulnerability detection
- Developed an automated **Virtual Machine (VM)** onboarding process via **Linux CLI** and **Ansible** for a **Red Hat Cockpit dashboard**, consolidating system administration tools across **130+ VMs** and improving operational efficiency

The University of Texas at Dallas

Computational Neuroscience Undergraduate Research Assistant

Richardson, Texas

Mar 2024 – Aug 2024

- Designed and conducted memory-sequencing experiments with FED3 apparatus for mice, using **Python** to write reinforcement-based tasks to assess neurological responses related to **Parkinson's Disease** and analyze results

PROJECTS

Whizzard – 1st Place Axxess Hackathon Winner (Mobile Category)

- Developed an at-home urine analysis application featuring a **GPT-4**-powered chatbot to deliver personalized health insights, achieving **1st place** in the mobile development category at the Axxess Hackathon 2024
- Built a **Flask REST API** using **Python OpenCV** and **React.js** frontend for precise urine analysis, creating a custom color standardization model to eliminate shadows and accurately differentiate fluid shades, enhancing diagnostic accuracy

PrettyQR - Artificial Intelligence Society

- Collaborated in a 6-member team to build a Computer Vision application that merges QR codes with AI-generated images using **Stable Diffusion** and **ControlNet** in **Python**, creating visually integrated and functional designs

SKILLS

Programming Languages: C#, Java, JavaScript (HTML and CSS), Python, C++, SQL, Ansible

Tools & Frameworks: Git, ASP .NET Core, Spring Boot, Linux CLI, React.js, Node.js, Flask.py, MongoDB, GCP, AWS, Flyway