

TIN M TRAN

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EDUCATION

NORTHEASTERN UNIVERSITY | Boston, MA

March 2025

Master of Professional Studies in Informatics, GPA: 3.94

Relevant Coursework: Information Systems Design & Development, Information Security Risk Management, Security Analytics, Network Protection & Cloud Security, AWS Cloud Architecture

UNIVERSITY OF MINNESOTA - TWIN CITIES | Minneapolis, MN

December 2021

Bachelor of Science in Computer Science (**Dean's List**), GPA: 3.62

Relevant Coursework: Program Design & Development, Machine Architecture, Data Structures & Algorithms, Operating Systems, Data Science, UI Design & Evaluation

WORK EXPERIENCE

MEDITECH | Minnetonka, MN | Software Engineer

Jul 2022 - Feb 2023

- Maintained electronic health record software in MEDITECH's proprietary language following HIPAA regulations.
- Diagnosed and resolved software issues for over 50 healthcare clients.
- Tracked patch updates using **Jira** and contributed software solutions to **Agile** sprints.
- Collaborated with senior developers to resolve incoming message blocks in a legacy system.
- Optimized system performance by refining features and reducing user-reported errors **by 10%**.

NORTHEASTERN UNIVERSITY | Boston, MA | Instructional Assistant

Jan 2025 - Feb 2025

- Monitored and maintained uptime for 20+ hybrid classrooms using **ServiceNow** for issue tracking and resolution.
- Supported faculties in over 50 classes, streamlining Canvas, Panopto, and Zoom integration.
- Reduced classroom setup time **by 30%** by optimizing Audio Visual (AV) systems for smoother transitions.
- Collaborated with AV teams to cut technical disruptions **by 20%**, ensuring seamless instruction.

PROJECTS

AI TALENT PROFILER

Jan - March 2025

- Developed a personality test using The Big Five Personality Assessment for data collection.
- Extracted and processed personality assessment data using **Florence-2 OCR** for improved text recognition.
- Automated personality trait classification by integrating **Deepseek API** with data for career recommendations.
- Deployed **AWS** system for efficient processing and storage of assessment data.
- Collaborated with cross-functional teams to refine AI-driven insights for career projection and role alignment.

SOCIAL ENGINEERING CYBERSECURITY PLAN

Sept - Dec 2024

- Designed an **AWS**-based security framework, mitigating cloud vulnerabilities through **IAM**, **S3**, and **CloudTrail**.
- Strengthened security posture using **NIST Cybersecurity Framework** and risk assessment tools.
- Lowered phishing susceptibility **by 35%** through user training and preventive security measures.
- Developed incident response strategies, cutting cloud incident resolution time **by 20%**.

GENDER EQUITY ANALYSIS

Sept - Dec 2024

- Led a five-member team in analyzing gender pay disparities using **Python** and **BERT-based ML model**.
- Cleaned and processed 1000+ payment records from 2021 to 2023 via Agile Scrum.
- Generated data-driven insights by visualizing gender equity trends in compensation using **Matplotlib**.

FIT TRACK

May - Jun 2022

- Developed a fitness tracking app with responsive user interface using **React.js**.
- Utilized **Firebase** for cloud hosting and optimized **PostgreSQL** database for storage of workout records.
- Visualized weekly workout progress using **Chart.js** and **Material UI** to enhance user experience.

SKILLS

TECHNICAL: Python, Java, JavaScript, SQL, HTML/CSS/Bootstrap, Node.js, React.js, UNIX, C

SOFTWARE: Git, Linux, Microsoft Office Suites, AWS, Firebase, ServiceNow, Google Cloud Platform