Huu An Duc (Jack) Le

416-617-3686 | huuanducle@gmail.com | Jack-Le.com | LinkedIn | Github

EDUCATION

University of Toronto — September, 2024 - June, 2028
Computer Science Specialist - 3.9 GPA — *Mississauga, Canada*

Courses: Software Design (**Object-Oriented Programming, Java**), Systems Programming (**Unix/Linux, C**), Computer Organization (Assembly), Data Structures & Analysis, Theory of Computation

EXPERIENCES

Software Project Lead — August 2025 – Present
UofT Blueprint — *Toronto, Canada*
- Lead a fullstack **software development** team to deliver applications for NGOs using **Agile/Scrum** practices
- Enable collaboration using **Github**, **git** branching, sprint workflows, and tickets with feedbacks from stakeholders

Tech Support Assistant — August 2025 – Present
UTM Career Center — *Toronto, Canada*
- Prototype a resume builder using **React.js frontend**, **Django backend** to reduce resume creation time by 75%
- Implement server-side **Javascript** to streamline repetitive data entry tasks, saving $1,000/month in manual labor
- Ensure accessibility (AODA compliant) interfaces and inclusive **UI/UX** practices for 16,000+ students

Vice President of Tech — May 2025 – Present
UTM Student Society for Algorithmic Modeling — *Mississauga, Canada*
- Collaborate with 6 associates to move landing page from Wordpress to **React.js** to improve mobile compatibility
- Spearhead EmberHacks website (emberhacks.ca), create a dynamically attractive webpage using **Typescript**
- Deliver many workshops on **HTML/CSS/Javascript** fundamentals, **algorithms**, and leetcode-style questions

Standard Operation Procedure Intern — May 2025 – August 2025
TRG International — *Ho Chi Minh, Vietnam*
- Created a **version control** tool for Word documents using **Flask** to reduce manual review time by 20+ minutes
- Developed a real-time **virtual agent** to notify 150+ employees of events, reducing communication time by 40%
- Automated geocoding of 100+ addresses using **Python** and researched relevant geospatial resources

Computer Science Mentor — September 2024 – May 2025
University of Toronto — *Toronto, Canada*
- Conducted weekly lessons for first-year students on **data structures**, and **complexity analysis** with **Python**
- Contributed 600+ helpful responses to courses' forum, received 95% positive feedback from professors and students
- Wrote and ran **unit tests** using PyTest for **debugging**, identifying edge cases and improving code reliability

PROJECTS

UTM-Live — Source Code
- Built an interactive **end-to-end Django** application for students to explore study spots with **3D mapping**
- Enhanced user engagement with **real-time dynamic lighting/weather** effects based on user's live coordinates
- Secured user information with **JWT auth** and **PostgreSQL**; designed **REST APIs** for personalized locations

Image Gallery — Source Code
- Made a serverless gallery with using **AWS EC2**, **S3** and **DynamoDB (NoSQL database)** for storage/metadata
- Set up global caching using **CloudFront CDN**. Lowered the average images load time from 220ms to 35ms
- Compressed client-side images by 60% using Canvas API and automate files deletion using **Lambda**

Job Hunter — Source Code
- **Web scraped** and analyzed 100+ job postings from LinkedIn, Indeed, Google using **Beautiful Soup** and JobSpy
- Generated cover letter using keyword extraction and **natural language processing**, saving 90% of writing time
- Visualized market trends using **Matplotlib** and **Chart.js**, identifying the top 10 in-demand tech skills

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, SQL, HTML/CSS, Typescript
Frameworks: Django, React.js, Spring Boot, FastAPI, Flask, Tailwind, Bootstrap
Tools & Technologies: AWS, Git/Github, PostgreSQL, Google Cloud, Docker, Mapbox, Supabase, Render, Postman