

Huu An Duc (Jack) Le

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EDUCATION

University of Toronto

Computer Science Specialist - Bachelor of Science - 3.9 GPA

September, 2024 - June, 2028

Mississauga, Canada

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

EXPERIENCES

Research Assistant

University of Toronto

September 2025 – Present

Toronto, Canada

- Collaborate with professors to develop CopilotLens, an **AI-powered agent** with a multi-layered reasoning system
- Perform **data analysis** on 1600+ survey data points using **Pandas/Matplotlib** to identify students' behaviors

Software Project Lead

UofT Blueprint

August 2025 – Present

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

UTM Career Center

August 2025 – Present

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

Standard Operation Procedure Intern

TRG International

May 2025 – August 2025

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
- Cooperated with department leads to produce **cross-functional documentation**, optimizing process workflows

Computer Science Mentor

University of Toronto

September 2024 – May 2025

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, Typescript, Java, C, SQL, HTML/CSS

Frameworks: Django, React.js, Spring Boot, FastAPI, Flask, Tailwind, Bootstrap

Technologies: AWS, Git/Github, PostgreSQL, MongoDB, Google Cloud, Docker, Supabase, Render, Postman

Personal Values: Be proactive, stay curious, take opportunities, keep learning, embrace challenges, celebrate small wins