

# Edison Lim

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## EDUCATION

### University of Toronto St. George Campus

*Candidate for Bachelor of Science in Computer Science*

Toronto, ON

*Expected Graduation: Apr. 2027*

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, HTML, CSS

**Cloud Services:** Amazon Web Services (AWS) - IAM, EC2, S3, DynamoDB, CloudFront, Lambda, API Gateway

**Developer Tools/Testing Tools:** Git, Terraform, Playwright, Postman, IntelliJ, PyCharm, VS Code, Visual Studio

## EXPERIENCE

### Software Developer

Sep. 2022 – Jan. 2023

*RoboEDU Education Group Inc.*

*Markham, ON*

- Developed a bilingual summer camp registration website used by over 30 parents to register over 50 students
- Programmed reusable front-end components of the website with modular code using ReactJS, HTML, and CSS
- Simplified data access by organizing information submitted over 50 registration forms with MySQL Workbench
- Guaranteed all elements of the website operated as one seamless unit by coordinating with the back-end team
- Conducted careful testing and debugging to ensure responsive design

### Youth Development Coordinator

May 2024 – Aug. 2024

*Peoples Gospel Church*

*Markham, ON*

- Co-managed a team of 23 staff to run three weeks of camp for over 75 campers in an orderly fashion
- Led planning and logistics to coordinate activities across the 23-member team, improving operational efficiency
- Resolved conflicts between staff and campers, promoting collaboration and upholding positive relationships
- Supervised campers aged 4 to 12 and staff aged 12 to 20 through daily activities, preserving a safe and fun environment for all campers and staff

## PROJECTS

### Personal Website | IAM, S3, DynamoDB, CloudFront, Lambda, API Gateway | [Link]

June 2025 – July 2025

- Created a personal portfolio website using JavaScript, HTML and CSS and hosted it on AWS S3
- Reduced page load time from 124ms to 27ms by serving the website through Amazon CloudFront
- Improved website security by requiring HTTPS for communications when accessing the website via CloudFront
- Implemented a serverless architecture by storing visitor count in DynamoDB and updating it by invoking a Lambda function through the API Gateway
- Automated full CI/CD pipelines with GitHub Actions for both frontend and backend by using Terraform to deploy AWS infrastructure and performing end-to-end testing with Playwright, shortening deployment time by 50%

### Bill Splitting App | Java | [Link]

Nov. 2024 – Dec. 2024

- Launched a receipt parsing app that accurately splits the bill across manually specified consumers with 100% accuracy, saving amounts owed by each debtor into accumulated balances which could be written off later
- Maximized team productivity by delegating project tasks between a team of 4 based on each individual's strengths
- Maintained a fully scalable program by certifying all software components adhered to Clean Architecture standards

### Sign-Up Form Website | JavaScript, HTML, CSS | [Link]

Jan. 2025

- Designed and implemented a responsive sign-up form compatible with both desktop and mobile devices by following modern UI/UX practices using HTML, CSS and JavaScript
- Prevented invalid form submissions to enhance user experience by integrating client-side form validation

### Calculator Website | JavaScript, HTML, CSS | [Link]

Dec. 2024

- Developed a web calculator with real-time input processing using JavaScript, HTML and CSS
- Enhanced user experience by preventing invalid arithmetic input and expressions, optimizing error handling
- Utilized modular and maintainable code, allowing scalability through adding advanced mathematical functions