Yunyu Yang

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Summary

- Proficient in building web applications using HTML5, JavaScript, SQL, and C#, with hands-on experience in both front-end and back-end development.
- Skilled in ASP.NET Core, Web API, and applying modern testing practices, including integration, unit, and automated testing with JUnit and GitHub Actions.
- 7+ years of prior experience as a Landscape Designer, bringing valuable design, project management, and collaborative skills to development work.
- Highly adaptable, quick to learn new technologies, and driven to contribute to creative processes and deliver impactful software solutions.

Technical Skills

- Programming Languages: C#, HTML5, JavaScript, SQL, CSS, Java, PHP, Python
- Frameworks & Libraries: ASP.NET (WebForms & MVC), Web API, React, Bootstrap
- Tools: Git, GitHub, DevOps, Microsoft Office Suite, Microsoft Project, Node.js, Postman
- Database Management: SQL, SQLite, Redis, Supabase, Database Normalization
- Software Testing: Integration testing, Unit testing, xUnit, JUnit, Selenium, Test Automation
- Others: Project Management, Technical Writing, CI/CD, Agile Development

Education

Mohawk College (Hamilton, ON)   *Sep 2023 - Present*
- Advanced Diploma, Software Development - GPA 90.6% | Eligible for Fall 2025 Co-op Term
- Dean's Honour List for every completed semester.

Wuhan Donghu University (Wuhan, China)   *Sep 2010 - Jun 2014*
- Bachelor of Arts, Artistic Design - GPA 80%

Work Experience

Landscape Architect - Shenzhen L&A Design (Shenzhen, China)   *Mar 2022 - Apr 2023*
- Design expertise: Proficiency in graphic design, layout design and 3D modelling.
- Adaptability: Modified designs to accommodate change requests and fast-paced routines.
- Collaboration: Cross-functional collaboration with the design, client, and business team.
- Achievement: Ensuring delivery of 6+ projects on time.

Landscape Designer - DDON Planning & Design (Shenzhen, China)   *Mar 2018 - Sep 2021*
- Iterative design: Built, reflected, improved, and delivered the solutions in each design phase.
- Project management: Managed project process and helped the team to follow daily practices.
- Achievement: Completed 15+ diverse projects with innovative solutions.

Assistant Designer- Putian Landscape Architecture Development (China)   *Feb 2015 - Feb 2018*
- Analytical thinking: Assessed user needs, project requirements, and conditions to design plans.
- Computer modelling: Create 3D landscape models and renders according to the project needs.
- Project documentation: Created detailed design plans and integrated slides for design phases.

Projects

Restaurant Menu App Backend Server – Team Project   *In-progress*

Personal contribution:

- Developed backend server that implements the RESTful API route by ASP.NET Core Web API.
- Created a PostgreSQL database that manages the restaurant menus and users' data.
- Implemented user registration, login, authorization, and CRUD actions in controllers.
- Applied user authentication and role-based access control.
- Attended integration testing, API endpoints testing and API documentation.
- Technologies: ASP.NET Core Web API, C#, Git, GitHub, Postman, PostgreSQL, Supabase

Employee Management Web App | Link   *Apr 2025*

- Developed a web page that creates, edits, and deletes employee information.
- Translated user needs into feature components using C# and Razor Pages.
- Developed and tested business logic and SQL database interactions.
- Data processing and transit from the backend server to the client webpage.
- Technologies: ASP.NET Core Web App, C#, SQL Server, Razor Pages

Inventory Management Mobile App | Link   *Apr 2025*

- Developed with React Native as the frontend, using Node.js for the backend server, which allows users to manage the inventory items through RESTful API requests
- Built RESTful API routes that connect to the SQLite database.
- Created an SQLite database that stores the items' data.
- Technologies: React Native, Node.js, RESTful API, SQLite, Express

Art Museum Expo Mobile App | Link   *Mar 2025*

- Developed with React Native as the frontend, incorporating a web service that integrates the RESTful API from the Metropolitan Museum of Art.
- Users can search, browse and explore artworks based on the category and name
- Technologies: React Native, MockFlow, Snack, Canva, Expo, RESTful API

Volunteer Experience

Workshop Facilitator – Mohawk College   *May 2025*

- Communicated complex concepts like web design and coding to young learners.
- Demonstrated patience, adaptability, and user-focused teaching.

Student Volunteer – Mohawk International Centre   *May 2024 - Oct 2024*

- Supported new students with registration, onboarding, and problem-solving.
- Assisted more than 50 international students in navigating on-campus international services.
- Supported front desk staff by guiding students in need.

Orientation Ambassador – Hamilton Welcome the World   *Sep 2024*

- Supported event staff and conducted visitor registration and catering.

Orientation Ambassador – Mohawk College   *Jan 2024*

- Helped more than 30 students with consultation and navigation in the event.
- Assisted with event preparation and execution