

# Wan-Ting Chang

MBAI Student | Technology, Data Analytics & Software Development

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## Skills

- **Specialties:** Data visualization, analytical storytelling, interactive dashboards, data validation, and user-focused presentation of complex information
- **Development languages/frameworks:** Python, React, Angular, TypeScript, JavaScript (ES6+), Next.js, Tailwind, HTML5, CSS, SASS, WebGL, ThreeJS
- **Testing & QA:** Jest, Cypress
- **Project Management Tools:** JIRA, Git, Asana, Miro, Trello
- **Languages:** English (Professional proficiency), Mandarin (Native proficiency)

## Education

**Ontario Tech University** **Oshawa, ON, Canada** **09.2025 - now**

- *Master of Business Analytics and AI*
- *Courses: Business Analytics, Visualization and Storytelling, Programming and Data Processing, Ethical and Legal Issues in Analytics and AI*

**Stevens Institute of Technology** **Hoboken, NJ, USA** **5.2014**

- *Master of Science in Computer Science (Multimedia Experience and Management)*
- *Courses: Software Architecture, Human-Computer Interaction, Interactive Computer Graphics, Computer Vision, Real-time Rendering*

**Yuan Ze University** **Taoyuan, Taiwan** **6.2008**

- *Bachelor of Science in Computer Science and Engineering*

## Work Experience

**SmartRecruiters** **Berlin, Germany** **3.2022 – 9.2024**

Frontend Software Engineer

- Developed and enhanced hiring tools using Angular 16, Tailwind and SASS
- Contributed to the company's internal UI component library.
- Upgraded legacy projects from Angular 12/AngularJS to Angular 16, improving maintainability.
- Collaborated closely with UX designers to refine user experiences.
- Partnered with backend engineers to design efficient API structures.
- Actively expanded domain knowledge through online courses and conferences.

**dunnhumby** **Berlin, Germany** **12.2019 – 2.2022**

Frontend Software Engineer

- Led frontend development for an internal analytics dashboard, using React, TypeScript, and CSS-in-JS (emotionJS).
- Implemented interactive data visualizations with Recharts, reducing manual reporting time.
- Wrote unit and integration tests with Jest and Cypress to improve code reliability.
- Engaged with stakeholders to refine product requirements and ensure high-quality releases.

**Work  
Experience  
(continued)**

**Eko** **New York, NY** **6.2015 – 2.2017**  
Frontend Developer

- Built interactive, pixel-perfect HTML5 video projects using JavaScript, CSS, and GreenSock Animation.
- Created adaptive UI layouts for responsive experiences across desktop, tablet, and mobile.
- Developed plugins for Eko's interactive player API, including ad integration and performance monitoring.
- Refactored outdated Flash-based projects to modern JavaScript frameworks.

**Floored, Inc.** **New York, NY** **1.2014 – 2.2015**  
Software Engineer

- Developed a fallback version of 3D content for seamless rendering across browsers (IE8 to Chrome).
- Enhanced production features with JavaScript, jQuery, RequireJS, and Node.js.
- Built an interactive real estate web tool using WebGL, ThreeJS, and AngularJS.

**ProFlag Tech. Co., Ltd.** **Taichung, Taiwan** **8.2008 – 7.2009**  
Software Engineer

- Developed RFID applications, including Student ID Card Management, Diploma Management, and Attendance Tracking using C# .NET and Microsoft SQL Server.
- Designed and implemented five different content management systems tailored to various industries, utilizing JSP, Java, and MySQL.
- Developed a web-based municipal tracking system for foreign workers in collaboration with the Bureau of Labor Affairs of Taichung City Government, integrating Oracle 9i and an MVC framework.