

# Anderson Yu-Hong Cai

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## Profile

Career Goal: Software Developer / Web Developer / Data Analyst

### Summary of Skills and qualifications

- Currently studying Computer Programming at Seneca Polytechnic, focusing on object-oriented programming (OOP), web development, and software testing.
- Recent bootcamp graduate with experience in full-stack web development, including server setup, database management, and front-end design using the MERN stack and Django.
- 8+ years of experience in corporate banking, specializing in data-driven decision-making, and loan project management.
- Skilled in data processing and visualization (Python, SQL, Tableau), with a strong ability to identify business opportunities and improve performance through analytics.
- Strong teamwork, problem-solving, and communication skills developed through diverse industry and academic projects.

## Technical Skills

- Languages: JavaScript, C, C++, Java, Python, SQL
- Frontend: HTML, CSS, React, Angular, Redux, Bootstrap, jQuery, React Native
- Backend: Node.js, Express, RESTful API
- Databases: PostgreSQL, MongoDB
- Tools & Platforms: Git, Heroku, Netlify, AWS Lambda, Jest, Cucumber, Puppeteer
- Data Analysis & Visualization: Python (pandas, plotly, openai, flask, scikit-learn), Tableau, Access

## Experience

### Student Ambassador

Dec. 2024 - Present

Seneca Polytechnic | CA

- Served as a Lead Mentor in peer mentoring and pre-arrival programs. Facilitated campus tours, student panels, and Instagram live sessions for orientation events, while supporting wellness initiatives through Peer Wellness lounges and blogs.

### Programming Teaching Assistant

Mar. 2023 – Jun. 2023

National Taiwan Normal University | TW

- Project – Bread Explore Chatbot: Led the development of an English-learning LINE chatbot that identifies bread types and provides English descriptions, using Azure Computer Vision, ChatGPT API, and Google Maps API. Project received “Excellent Award” and “Popularity Award” at NTNU.

### Data Analyst

Feb. 2021 – Sep. 2022

E. Sun Bank | TW

- Assisted the Corporate Banking Department in obtaining operational data, generating reports, managing data, and formulating data policies.

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- Project – ESUN Auto-Dashboard: Led the development of an automated dashboard used by 150+ managers to monitor customer financials, improving decision-making efficiency. (SQL, Tableau)

## Project Manager Assistant for Lending

Jan. 2014 – Jan. 2021

E. Sun Bank | TW

- The Pandemic Relief Loan Project: Aligned with government policies, promoted project loans, totaling approximately USD 5 billion.
- Small and Medium Enterprise (SME) Project: Analysis of data to design the loan project, increasing SME loans by 25% in three years.

## Education

### Computer Programming & Analysis – Diploma

Sep. 2024 – Present

Seneca Polytechnic | CA

Expected Graduation – Sep. 2026

- Learning computer programming fundamentals, including operating systems (Windows, Linux), C language (OOP), databases, and web development.
- Key courses focus on problem-solving, data structures, software testing, and project management.

### Full-Stack Web Development – Bootcamp

Jan. 2024 – Mar. 2025

CareerFoundry | US online

- Project – myFlixAPP: Developed a movie website with features for browsing movie details, managing user accounts, and saving favorite movies. (MongoDB database, REST APIs using Express, React-based frontend, Angular, hosted on Heroku and Netlify)
- Project – MeetApp: Developed a TDD-driven web application for exploring and searching upcoming events globally, using data from Google Calendar. (JavaScript, React, Recharts, Google OAuth, AWS Lambda, Jest, jest-cucumber, Puppeteer, PWA)
- Project – Mobile Chat App: Developed a React Native chat application including offline functionality and data storage in Google Firestore. (React Native, Firebase Cloud Storage)
- Project – Recipe Website: Built a Django-based website that allows users to upload, search, and browse recipes by ingredients. (Django)

### Master of Business Administration (MBA) – Finance

Sep. 2010 – Jun. 2012

National Central University | TW

### Bachelor of Science in Statistics

Sep. 2005 – Jun. 2010

National Taipei University | TW

## Certification

Project Manager Professional (PMP), FRM Level 1