

Wan-Ju (Becky) Yu

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WORK EXPERIENCE

Software Engineer Intern

San Francisco, CA

Taylor 06/2022 – present

AI-powered circular fashion start-up, providing menswear rental services

- Built campaign and membership section on homepage using Shopify Liquid, JavaScript, CSS, and HTML with responsive design for desktop and mobile browsers; improved load speeds by 5% and SEO results reported by Google Lighthouse
- Architected end-to-end operation system using Python, Django ORM and React; solved shipment tracking problems via integrating Shopify API and Shippo API; constructed data ETL process and database schema design
- Collaborated with agile team in full software development life cycle (SDLC); surveyed third-party shipping tracking services, delivered API testing reports, developed full-stack solutions and supported testing as well as maintenance

IT Project Management Specialist

Taipei, Taiwan

Cathay Financial Holdings Co. Ltd 11/2019 – 05/2021

The largest local financial service firm in Taiwan, with \$17.7B market capital, ranked #250 on Forbes Global 2000.

- Successfully introduced new “Employee Access and Permission Management System” involving internal system integration design, data ETL processing, Proof of Concept (POC) delivery and final ad hoc system testing
- Optimized supplier evaluation system, improved operation efficiency for 2000 employees; coordinated five subsidiaries to develop usage policies and roadmaps

EDUCATION

Carnegie Mellon University

Pittsburgh, PA

Master of Information Systems Management 08/2021 – 12/2022 (expected)

- Coursework: OOP in Java, Distributed System, Data Structure and Algorithm, Web Development, Data Focused Python, Intermediate Database Management, Big Data and Large-scale Computing, Machine Learning for Problem Solving
- Won 1st place in the Small Business School Challenge (SBSC) case study competition among 28 teams in CMU

National Taiwan University

Taipei, Taiwan

Bachelor of Business Administration – Technology Management 09/2015 – 06/2019

- Coursework: Programming for Business Computing (Python), Database Management, Programming Design (C++), Quantitative Text Analysis, Solving Quantitative Problems with R, Big Data and Business Analytics

SKILLS

- **Programming:** Python, Java, SQL, JavaScript, Node.js, React, CSS, HTML, R
- **Tools and Frameworks:** Bootstrap, Django, Git, Hadoop, Visual Studio Code, Chrome DevTools, MongoDB, MySQL
- **Data Analytics and Visualization:** Spark, PyTorch, Tensorflow, NLP, Machine Learning, CNN, RNN, Tableau

PROJECT EXPERIENCE

UniCool: College Application Tracker | JavaScript, Node.js, Bootstrap, HTML, MongoDB

05/2022 – present

- Developed a RESTful service with MVC for users to view colleges information, share comments, and build own tracker
- Implemented login authentication with passport and sanitize inputs against query injection attacks
- Designed schema using MongoDB and implemented Mapbox API to create interactive cluster map; deployed to Heroku

Cyber Cop: Criminal Cases Database Application | Java, JavaFX, JUnit

10/2021 - 12/2021

- Composed system design with UML diagrams; implemented database schema accordingly
- Configured end-to-end criminal cases database application with JAVA on Oracle; auto-generated crime rate report and built GUI using JavaFX for users to search, view and update data; wrote and executed unit test cases using JUnit

New “NS-SHAFT”: Two players Desktop Game | Python, PyGame

04/2018 – 06/2018

- Recreated the “NS-Shaft” game using PyGame with player interaction mechanisms and introduced new functions, such as blackhole and floor cushion; sped up the game from time to time to spice up user experience and novelty