Melissa Shao

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SKILLS SUMMARY

Languages
Python, JavaScript, Bash, SQL, Java, C

Frontend
React, Bootstrap, Tailwind, jQuery

Backend
Node.js, Express, Firebase, MongoDB, RESTful API

Tools & Technologies
PyCharm, Visual Studio, Git, MS SQL Server

PERSONAL PROJECTS

Data Analysis Project   **Aug 2024**
- Developed a data analysis workflow using Kaggle API for data acquisition, and analyzed data with pandas and SQL.

Melissa's Portfolio   **Jul – Aug 2024**
- Built a personal portfolio website using Next.js, Framer Motion, Tailwind CSS, and EmailJS.

SmileEstate   **Jun – Aug 2024**
- Developed a MERN stack real estate web application, facilitating users in renting and selling properties, and integrated a real-time chat functionality to enhance user communication.

ACADEMIC PROJECTS

Dronify | Project 2 Course   **May 2024**
- Developed an application using Tailwind, EJS, Node.js, Express, and MongoDB for autonomous drone services, including package delivery, drone sharing, and roadside assistance for EVs.
- Collaborated with four teammates using Agile methodology, rotating roles to enhance understanding of development principles, GitHub collaboration, and testing skills.

Pikachu SUD Game | Programming Methods Course   **Mar – Apr 2024**
- Partnered with a teammate using Python to design and develop a text-based single-user dungeon game.
- Designed the game flow methodically by utilizing a flowchart to gain a clear and organized development process.
- Verified the code's functionality by conducting various unit tests ensuring the reliability and correctness of the code.

ProcrastinHate | Project 1 Course   **Jan – Apr 2024**
- Collaborated with two teammates to develop a web application using HTML, JavaScript, AJAX, and Firebase, helping users tackle procrastination with tools and resources for improving physical and mental health.
- Facilitated communication, motivated the team, and established soft deadlines with worksheets and Trello, addressing challenges in a collaborative environment and improving productivity.

CLIENT SERVICE EXPERIENCE

Financial Analyst/Advisor | China Minsheng Banking Corp., Ltd **|** Dalian, China   **Jul 2016 – Jul 2021**
- Analyzed financial products and investment data using statistical methods to identify investment opportunities.
- Delivered data-driven advice using databases monitoring the market achieving 15% average client portfolio growth.

Branch Lobby Manager | China Minsheng Banking Corp., Ltd **|** Dalian, China   **Jan 2014 – Jun 2016**
- Implemented data-driven strategies to optimize operations, resulting in a 30% reduction in customer wait time.
- Collaborated on inter-departmental projects integrating new digital tools, and supporting decision-making.
- Spearheaded a data system using analytics to personalize marketing efforts, increasing client retention rates by 25%.

EDUCATION

Computer Systems Technology Diploma   **Jan 2024 – Present**
British Columbia Institute of Technology **|** Vancouver, Canada

Bachelor of Applied Chemistry   **Sep 2009 – Jun 2013**
Liaoning Normal University **|** Dalian, China