Jiayi Bian

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https://github.com/Layla6763 🌐

A graduate of the Australian National University, with a Master of Computing in 2020 seeking a challenging position. I am currently working as a ***Software Engineer*** at Liquid Instruments, an enterprise developing all-in-one test and measurement devices, and applications for researchers in engineering. My primary role is designing the user interface for desktop application and developing it in C++, Qt, HTML and CSS. I am also confident and have a working knowledge of Agile and Git, which I use daily.

A team player who can easily learn new concepts, and who is always looking for a new challenge.

If you would like to know more about me, please see my personal website, which I wrote with React.js: https://layla6763.github.io

Skills

- C++
- Qt
- Jira

- HTML/CSS
- Git

Experience

SEPTEMBER 2020 – CURRENT

Software Engineer / Liquid Instruments Pty Ltd.

Liquid Instruments is a Canberra-based technology company that provides a flexible all-in-one platform for testing and measurement.

Role:

1. Designing new features and developing prototypes to create an intuitive user interface for the application.

2. Developing the desktop application using C++, Qt framework, HTML and CSS.

3. Reviewing new code written by peers to find potential problems and improvements.

4. Writing unit tests using Catch2 testing framework to confirm that new code achieves the desired behaviour.

5. Following agile methodology for design, development, testing and release of products and features.

6. Working with my team and utilizing collaborative tools such as Jira and Git to manage multiple tasks.

7. Writing and maintaining documentation to clearly explain the purpose of new code.

8. Preparing and delivering tutorials for my team about programming topics I study outside of work.

9. Using image editor software such as GIMP and Adobe Illustrator to create new icons.

MAY 2016 – JAN 2019

Accountant / Carl Zeiss (Shanghai) Co., Ltd.

Role:

1. Posting incoming/cash transactions in SAP.

2. Writing monthly cash flow forecasts and dunning reports.
3. Monitoring the balance of bank accounts and providing purchasing advice for financial products.
4. Communicating with customers to ensure the accounts receivable payments were paid on time.
5. Preparing supporting files to guarantee foreign exchange payments were paid on time.
6. Performing administrative tasks such as updating company information with banks.

Education

FEBRUARY 2019 – DECEMBER 2020
Master of Computing / The Australian National University

SEPTEMBER 2012 – JULY 2016
Bachelor of Economics / East China University of Political Science and Law

Certification

AWS Certified Cloud Practitioner

Personal Project

Game Backlog Manager/ SwiftUI & Core Data

"Game Backlog Manager" is a user-friendly mobile application developed using SwiftUI and Core Data, designed to streamline the management of a gaming backlog. With an intuitive and visually appealing interface, users can effortlessly:

Add: Seamlessly add new games to their to-play list, making it easy to track their gaming plans.
Delete: Remove games they've played or are no longer interested in.
Edit: Modify game entries to keep information up-to-date.
Search: Quickly find specific games within the app's extensive library.

For a closer look, you can explore the codebase at https://github.com/Layla6763/game-list.