



Ming-Jung Yu

Back-End Engineer

Dedicated Python Back-End engineer for 2+ years, having Master and bachelor's degrees in Information Technology, worked on 10+ projects development which includes personal side-project and products.

Experienced with Agile practices, version control, good code quality through unit tests, refactoring, code review, readable comments. Excellent teamwork-communicated and worked with different roles and departments.



New Taipei City, Taiwan [yuukoyu416@gmail.com](mailto:yuukoyu416@gmail.com)

## Work Experience

### Back-End Developer

Self-employed • Mar 2021 - Sep 2021 • [Miri Robot Fortune-Teller](#)

- Developed divination and fortune-telling related own side-project, using Python with FastAPI framework.
- Designed high extendable system structure for flexible and unclear requirements.
- Designed user flow and planned requirements.
- Designed and written divination card explanations based on personal experience and divination knowledge.
- Experienced with Line and Telegram chatbot features.

### Back-End Software Engineer

AcBel Polytech Inc. • Nov 2019 - Mar 2021 • [Solar Energy Monitor System](#) - [Streetlights Management System](#) - [Solar Energy Data Collector](#) - [Solar Energy Project Management System](#)

- Devoted to IoT products development by using Python, Flask, PostgreSQL, Redis and MQTT protocol.
- Designed clear and high extendable system structure for system efficacy, clean system code and new requirements.
- Improved the efficiency of data processing by 80%, using Concurrency Programming, Index optimization in database, Redis, temporary storage in Python.
- Provided logic procedures for reducing the risk of missing instant data from IoT devices.
- Improved code quality by writing readable comments, documents and refactoring imperfect code.
- Hosted sprint cycle meetings for discussing requirements and unsolvable problems with team members.
- Supported Junior engineer to solve skills and logical problems.
- Communicated with street light vendors to fix the technical problems of street light hardware.
- Communicated with solar energy mechanics vendors for discussing technical specifications of IoT devices.

## Personal Projects

- [Luna Acuario @Mina](#): Personal Website.
- [Miri Robot Fortune-Teller](#): Own developed side-project.
- [Portfolio](#): Summarized all Projects & Products.

## Skills

- **Languages:** Python, Java (Basic), HTML, CSS
- **Framework:** Django, Flask, FastApi, Hugo
- **Database:** MySQL, PostgreSQL, SQLite, Redis
- **Dev Ops:** Git, Docker, Jenkins, Heroku, Bash
- **Operating System:** Windows, Linux, MacOS
- **Misc:** MQTT protocol, Unit Test, Clean Code
- **Practice:** Agile, Scrum, TDD

## Back-end Engineer

Synergies Intelligent System Inc. • Sep 2018 - Aug 2019 • [SyGPS™ AI-enabled business](#) - [Bank Robot Advisor](#) - [Beijing Industrial Website](#)

- Contributed to AI products and web applications using Python, Flask, Pandas.
- Implemented Unit Tests for stability of systems.
- Improved code quality by writing readable comments, documents and refactoring imperfect code.
- Maintained Robot-Advisor in Python and Java.
- Assisted to write the project test plans before UAT in Robot-Advisor.
- Supported deployment with Project Manager in Robot-Advisor.
- Interacted with end-customers for technical problems, system testing and debugging in Robot-Advisor.

## Research Assistant

Shih Chien University • Apr 2017 - June 2018 • [The Data Construction and Research Analysis of Vulnerable Families](#) - [Bonus System Software](#) - [Earth Ethical Eating Day](#).

Assisted government project: The Data Construction and Research Analysis of Vulnerable Families. Collaborated with the Ministry of Health and Welfare and the Department of Social Work.

- Analyzed cause conditions from residence area, national income and health insurance of 20 million citizens data by SAS and SQL.
- Made insight reports and discussion with officials for providing required actions and suggestion decision.

## Website Developer

Shih Chien University • Apr 2016 - Jan 2018 • [IR Office Official Site](#)

Assisted University Administration IR Office to develop official website using Python, Django, LDAP, Html, CSS and JQuery.

## Languages

- Chinese — Native
- English — B1, TOEIC: 635
- Japanese — B2, N3 JLPT
- Spanish — B1
- Russian — A1, Coursera Certificates

## Interests

- Software Development
- Learning Foreign Languages
- Exploring Different Cultures
- Writing Blog Posts
- Researching Fortune-Telling

## Education

### Shih Chien University

Master's Degree • Information Technology and Management • 2016 - 2018

- 3+ projects development experience.
- 2 years Class representative.
- Selected as a Japanese translator and staff member at Kyoto Seminar.
- Selected for a business trip to Pennsylvania, America by university.

### Shih Chien University

Bachelor's Degree • Information Technology and Management • 2011 - 2015



余明融

後端工程師

Python 後端工程師兩年經驗，資訊管理碩士及學士學位，擁有10+個專案開發經驗，包含個人網站及作品。

擁有敏捷管理、版本控制等經驗，透過單元測試、重構、Code Review及易讀註解維持優良程式碼品質。良好的團隊溝通能力及與不同角色和不同部門合作的經驗。



New Taipei City, Taiwan yuukoyu416@gmail.com

## 工作經歷

### 後端開發工程師 Back-End Developer

自願業者 Self-employed • 2021/03 - 2021/09 • [Miri 機器人占卜師](#)

- 開發自己的占卜與命理軟體作品，使用Python, FastAPI。
- 設計高擴展性軟體系統架構，為彈性且不明確的需求功能。
- 設計使用者流程、使用者引導指引與規劃需求。
- 設計與撰寫多元的卡牌解釋，依據個人過往經驗及占卜知識。
- 具有開發Line及Telegram機器人經驗。

### 後端軟體工程師 Back-End Software Engineer

康舒科技股份有限公司 AcBel Polytech Inc. • 2019/11 - 2021/02 • [太陽能案場監控平台 - 路燈智慧管理系統 - 太陽能案場數據收集系統 - 太陽能專案管理稽催專案](#)

- 開發 IoT 物聯網產品，使用 Python, Flask, PostgreSQL, Redis 和 MQTT 協議。
- 設計清晰且高延展的系統架構。
- 提高資料處理80%的效率，使用Concurrency (並行處理)、資料庫的 Index 設計、Redis及Python的暫存設計。
- 提供邏輯程序降低從IoT設備丟失即時資料的風險。
- 撰寫優良易讀註解、文件及重構不完美的程式碼保持程式碼品質。
- 主持 Sprint 會議，和團隊成員討論需求與未解決的問題。
- 協助Junior 後端工程師解決技術與邏輯問題。
- 與路燈機械廠商溝通解決路燈硬體的技術問題。
- 與太陽能機械廠商溝通討論IoT設備的技術規格。

### 後端工程師 Back-End Engineer

美商訊能集思科技股份有限公司 Synergies Intelligent System Inc. • 2018/09 - 2019/08 • [SyGPS™ 商業決策導航系統 - 銀行理財機器人 - 北京天使線示範線](#)

- 開發AI核心產品及網頁專案，使用 Python, Flask, Pandas。
- 實作單元測試來穩定系統開發及運作。
- 撰寫優良易讀註解、文件及重構不完美的程式碼保持程式碼品質。

## 個人作品

- [月水瓶 @MINA 的人生研究室](#): 個人網站
- [Miri 機器人占卜師](#): 自己開發的作品
- [作品集](#): 總結所有參與及實作過的產品與專案

## 技能

- **Languages:** Python, Java (Basic), HTML, CSS
- **Framework:** Django, Flask, FastApi, Hugo
- **Database:** MySQL, PostgreSQL, SQLite, Redis
- **Dev Ops:** Git, Docker, Jenkins, Heroku, Bash
- **Operating System:** Windows, Linux, MacOS
- **Misc:** MQTT protocol, Unit Test, Clean Code
- **Practice:** Agile, Scrum, TDD

## 語言

- 中文 — 母語
- 英文 — B1 中級, TOEIC: 635
- 日文 — B2 中級, N3 JLPT
- 西班牙文 — B1 中級
- 俄羅斯文 — A1 初級, Coursera 課堂證書

- 維護銀行理財機器人，使用 Python 跟 Java。
- 協助撰寫理財機器人UAT前的測試計畫。
- 協助專案經理前往客戶端部署銀行機器人專案。
- 與終端客戶交流，解決技術問題、系統測試及系統偵錯。

## 興趣

- 軟體開發
- 學習外語
- 探索不同的文化
- 撰寫部落格文章
- 研究命理與占卜

## 資訊系研究助理 Research Assistant

實踐大學 Shih Chien University • 2017/04 - 2018/06 • [弱勢家庭的資料建置與資料研究分析 - 加分系統](#) - [世界蔬醒日網站](#)

協助政府專案：弱勢家庭的資料建置與研究分析。與政府衛生福利部與學校社工系合作。

- 使用SAS及SQL分析台灣2000萬公民的居住地、總收入及健康投保級距來得知主要造成弱勢家庭的原因。
- 製作洞悉報告並與政府官員討論，提供可執行的行動及建議決策。

## 網頁開發工程師 Website Developer

實踐大學 Shih Chien University • 2016/04 - 2018/01 • [IR 辦公室官方網站](#)

協助IR辦公室開發官方網站，使用技術為 Python, Django, LDAP, Html, CSS 和 JQuery。

## 學歷

### 實踐大學

碩士 • 資訊科技與管理學系 • 2016 - 2018

- 3+ 個專案開發經驗
- 2年班級代表
- 作為日文翻譯及工作人員前往東京研討會
- 於美國賓州參加兩週企業交流行程
- C語言及英文課堂的課程助理

### 實踐大學

學士 • 資訊科技與管理學系 • 2011 - 2015

主科：Unity、Photoshop、網頁開發

