

# 蔡博亘 Tsai Po-Shiuan

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## 經歷

- **臺灣師範大學專任研究助理**
  - 規劃提升研究信效度
  - 進行 60 人次質性訪談
  - 彙整量化實驗數據
- **替代役訓練班經理庫房業務**
  - 撰寫程式、改善工作流程，提高業務效率一倍
- **成功大學基礎視覺研究室兼任助理**
  - 撰寫 3 項實驗程式收集資料
  - 整理數據資料架構與分析

○ 2019. 05. - 2021.02

○ 2018. 03. - 2019. 02.

○ 2014. 09. - 2017. 12.

## 學歷與在學成就

- **成功大學認知科學所**
  - 雙眼偵測的周邊效應論文
    - 使用 R 語言與 Matlab 數理模型分析
    - 量化抽象的心理概念
  - 台灣人臉資料庫建構
    - 使用 Photoshop、Matlab 進行圖像處理
- **中山醫學大學心理學系**

○ 2014. 09. - 2018. 01.

○ 2010. 09. - 2014. 06.

## 特別技能

- **Microsoft Office**
  - Excel VBA 程式撰寫
  - Excel 函式運用
  - Word 基本文書排版
- **R 語言**
  - 統計分析
  - 繪製圖表
- **Matlab**
  - 數理模型分析
  - 圖像處理

## 個人能力

- **心理學專業訓練**  
邏輯思考、同理心訓練
- **英文能力**  
多益測驗 - 860 分



ps-tsai.github.io



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# TSAI PO-SHIUAN 蔡博巨

## EDUCATION

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<b>National Cheng Kung University</b> , Tainan, Taiwan	Sep 2014 – Jan 2018
Master of Psychology	
<b>Chung Shan Medical University</b> , Taichung, Taiwan	Sep 2010 – Jun 2014
Bachelor of Psychology	

## WORK EXPERIENCE

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<b>National Taiwan Normal University</b> Taipei, Taiwan	May 2019 – Feb 2021
Research Assistant - Learning, Technology, and Cognitive Lab	
● Conducted experiments, interview, and data organization	
<b>Ministry of Interior</b> Taichung, Taiwan	Mar 2018 – Feb 2019
Mandatory Military Service – National Conscription Agency	
● Managed the supplement for military daily use	
<b>National Cheng Kung University</b> Tainan, Taiwan	Sep 2014 – Jan 2018
Part-time Research Assistant – Vision Lab	
● Applied data analyzing and data model fitting	

## RESEARCH EXPERIENCE

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<b>The Underlying Mechanism of Binocular Surround Modulation</b>	Jul 2017 – Dec 2017
● Conducted psychophysical experiments and data model fitting	
<b>Taiwanese Facial Expression Database Construction</b>	Oct 2014 – Jun 2017
● Conducted graphic processing with Photoshop and Matlab	

## SKILLS

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### Microsoft Office

- Programing Excel VBA for data automatic processing
- Using Excel functions for data organization
- Basic Word typesetting

### R Language

- Analyzing statistic data for explaining research results
- Generating data charts

### Matlab

- Predicting mathematical data model
- Graphic processing

## PERSONAL ABILITIES

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### Psychology Training

- Solving problems with logical thinking and empathy skill

### Excellent Command of English

- 860 points on TOEIC test



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