

YAO-CHUNG CHEN



EDUCATION

current
|
2020

- **Ph.D. Candidate, Bioinformatics**
Department of Mathematics and Computer Science
📍 Freie Universität Berlin, Germany
 - Developing algorithms to estimate monoallelic expression genes in Alzheimer's Disease

2015
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2012

- **Master of Science**
Institute of Entomology
📍 National Taiwan University, Taiwan
 - Thesis: Expression of unique and shared sets of genes for asexual and sexual oogenesis during parthenogenetic and viviparous development of pea aphid, *Acyrtosiphon pisum*



CONTACT



I'm a Ph.D. student at [Nowick Lab](#), Freie Universität Berlin, Germany. My research focus on understanding the monoallelic expression genes in single brain neuron nuclei in Alzheimer's Disease.

Languages

Taiwanese Mandarin: Native

English: Proficient

German: Beginner



WORK EXPERIENCE

2020
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2018



Research Assistant

Institute of Biomedical Informatics

📍 National Yang-Ming Chiao-Tung University, Taiwan

- Analyzing electronic health record data

Selected activities:

SOFTWARE

📦 [Package {TEKRABber}](#) -
[Available on Bioconductor](#) -
Author.

PROGRAMMING SKILLS

📊 R

Python

📄 RMarkdown / Quarto

🔑 Git

🐙 GitHub