

Q I D A W E I

OBJECTIVE

A PhD opportunity in computational physics requires experience in programming and numerical analysis.

WORK EXPERIENCE

PERIOD	2024 — Present	
REPOSITORY	https://github.com/QiDawei98/Flower_Lane/	Fuzhou, China
ABOUT	Perform NCI analysis from VASP A Python script processes electron density from VASP calculations to perform Non-covalent Interaction (NCI) analysis.	
PERIOD	2023 — Present	
AVAILABILITY	To be published.	Fuzhou China
ABOUT	Fit crystal field Hamiltonian to optical spectroscopy A Computer program for reproducing excited eigenvalues of rare earth 4f electrons obtained from optical spectroscopy using crystal field theory. Paper in preparation.	

EDUCATION

PERIOD	2016 — 2019	
DEGREE	Diploma of High Education	
MAJOR	Electrical Engineering	
UNIVERSITY	Qingdao Harbour Vocational and Technical College	Qingdao, China
PERIOD	2019 — 2021	
DEGREE	Bachelor of Science	
MAJOR	Electrical Engineering	
UNIVERSITY	Qingdao University	Qingdao, China
PERIOD	2022 — Present	
DEGREE	Master of Science in Condensed Matter Physics	
GPA	Higher than 3.2	
COURSEWORK	Fujian Normal University	
RESEARCH	FJIRSM, Chinese Academy of Sciences	Fuzhou, China

SKILLS

Theory	Quantum Mechanics, Solid State Physics, Group Theory
Proficient	Python, Regex, Multiprocessing, Numerical analysis, L ^A T _E X
Used	Maple, Matlab, C, Fortran

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