

Shen Xiaodan

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EDUCATION

**Chinese University of Hong Kong-Shenzhen
Aalto University (exchange)**

School of Data Science: Computer Science and Engineering
GPA: 3.6/4.0

September 2023 – Present
January 2026 – Present



PROFESSIONAL EXPERIENCE

Chair | IEEE Student Branch, CUHK-SZ

September 2024 – September 2025

- Leading a team of 15+ students to organize 6+ interdisciplinary tech events, fostering campus-wide discussions on AI, computing ethics, and emerging technologies.
- Initiated a joint seminar with Sun Yat-sen University, promoting collaboration between students.
- Increased club engagement through redesigned recruitment and activity planning strategy.

Developer | Campus Navigation System Project, CUHK-SZ

September 2024 – December 2024

- Directed the development of a navigation app supporting both walking and driving routes across campus.
- Designed routing algorithm that improved path accuracy compared to baseline.

Research | Academic English Course Project, CUHK-SZ

September 2024 – December 2024

- Conducted a study on impulsive buying behavior among university students, exploring the influence of parental consumption habits on student decisions.
- Designed and distributed surveys; analyzed 120+ responses using Excel and statistical tools to identify key behavioral patterns.
- Wrote a research paper integrating behavioral economics theories and real-world data.

Developer | Course Selection Project, CUHK-SZ

September 2025 – December 2025

- Developed a full-stack course selection system for university students, enabling course registration, dropping, and real-time schedule management.
- Implemented back-end services using Java and JDBC, designed relational database schemas, and handled core business logic such as conflict detection.
- Built responsive front-end interfaces using React, and connected front-end and back-end to ensure smooth user experience.



INTERNSHIP EXPERIENCE

Internship | AI Algorithm Engineer, China Telecom

July 2025 - August 2025

- Learned AI workflow platforms and design workflows for 2 projects
- Participated in front-end design and implementation
- Accumulated full-stack development experience



SKILLS

- Programming: Python, Java, C/C++, R
- Tools: Git
- Data Analysis: SPSS
- Academic Writing & Literature Review
- Survey Design & Data Analysis
- Toefl 108/120



CERTIFICATIONS

- Dean's list of 2024, 2025
- 2025 College Scholarship
- First Prize, Guangdong Province, 2025 National Undergraduate Mathematical Modeling Contest