# Wenlong Liu

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## EXPERIENCE

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|---|---|---|
| Amazon | Software Development Engineer (II) | Apr 2018 - Apr 2023 |
| ByteDance | Backend Development Engineer (Intern) | May 2017 - July 2017 |

## EDUCATION

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|---|---|---|
| Beijing University of Posts and Telecommunications | M.S, Computer Science | Sept 2015 - Mar 2018 |
| Southwest University of Science and Technology | B.S, Software Engineering | Sept 2010 - June 2014 |

## SKILLS

- Experienced in Python / JavaScript / C++ / Java; React / Antd / FastAPI / Qt; Linux / Git / SQL / AWS
- Experienced in full stack development (200,000+ lines of code; BUPT Entrance Contest No.1)
- Excellent English reading, writing, listening and speaking (5 years of experience in foreign company)
- Excellent teamwork spirit and communication skills (Tech leader of several projects)

## PROJECTS

| | | |
|---|---|---|
| Cloud File Storage Manager | Electron (JavaScript), FastAPI (Python) | Mar 2022 - Aug 2023 |

- Feature: Cloud storage, global search, data sync, file tagging
- Achievement: Replaced Windows Explorer in daily usage

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|---|---|---|
| Rich-text Notebook Software | React (JavaScript), FastAPI (Python) | Feb 2020 - Sep 2022 |

- Feature: Extended Markdown rendering, layout, components, charts, commands, inline apps
- Achievement: Rich text rendering and high extensibility

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|---|---|---|
| Quantitative Trading Platform | React (JavaScript), FastAPI (Python) | Jun 2019 - Dec 2021 |

- Feature: Assets analysis, data crawler, indicator generation, trading suggestions
- Achievement: 5.10% annual growth rate during 5 years

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|---|---|---|
| Multi-language Keyboard Editor | React (JavaScript), flask (Python) | Aug 2018 - Sept 2018 |

- Feature: Accelerate keyboard development by visual layout creation, modification and integration
- Achievement: Speed up dev cycle by 3 times; Winner of annual Kindle Org Hackathon

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|---|---|---|
| Wi-Fi Book Transfer | Swing (Java), React (JavaScript) | Oct 2017 - Nov 2017 |

- Feature: Smooth personal book file transfer from Mobile device to Kindle
- Achievement: Improved customer experience; got Special Offer after this Intern Project

## MORE PROJECTS

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|---|---|---|---|
| Hobbies: | Operating System Prototype | Network Simulator | Image Processing Platform |
| | Trajectory Calculation Platform | Snooker game | Remote Desktop Control |
| Industry: | Remote License Release | Notebook Export Rate Limit | Clipping Coupon |
| | WeChat Contract Pay | You Pay | ALC Bestseller |