

Junning Li

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PROFESSIONAL EXPERIENCE

Amazon | Software Development Engineer - Progressive Shopping

March 2022 – April 2025 / Seattle

- Lead the development of an ETL pipeline incorporating SNS and SQS with internal services to improve data accessibility, enabling BI to collect performance metrics for Subscribe and Discover products.
- Designed and deployed a new widget on the Amazon Thank You Page, encouraging customers to discover new products from their favorite brands while helping brands address the awareness gap for their newly released products.
- Collaborated with external teams to develop and launch new customer features on Amazon Checkout Shelf, enhancing user experience and driving a 15% increase in purchases through the aforementioned widget.
- Delivered a new pricing feature extending the range of selection for Amazon Subscribe and Discover products, involving UI components and service APIs to display new pricing options on Amazon Product Page.
- Mentored 2 interns by onboarding them onto company systems and providing project guidance, resulting in their successful transition into full-time roles.
- Identified deployment pain points and implemented a robust alarm system to monitor critical software components, reducing the manual workload of engineers by 35 hours per week.
- Handled 20+ tickets per on-call rotation, analyzed ticket patterns, and documented solutions in Runbooks, reducing ticket investigation time for on-call engineers.
- Improved the accessibility of internal tooling via bug fixes and quality of life features, reducing the amount of manual work by 20% per week for support specialists and engineers.

Amazon Web Services | Cloud Support Associate - Networking

March 2021– March 2022 / Seattle

- Resolved 30+ customer cases per month involving AWS networking services (including Elastic Load Balancers, Virtual Private Clouds, and Direct Connect Services) by diagnosing and addressing performance bottlenecks, security vulnerabilities, and network connectivity issues.
- Assessed customer requirements to provide guidance on Network Firewall rules and Web Application Firewall managed rules, ensuring enhanced resource protection and cost optimization.
- Quickly identified and prioritized high severity issues during critical system outages, finding workarounds and minimizing customers' operation disruptions within 15 to 30 minutes.

RESEARCH EXPERIENCE

Stanford University | RISE Summer Intern

June 2015 – August 2016 / Palo Alto

- Conducted research on thermal conductivity of crystal materials, thin film mechanics and the heteroepitaxy growth of materials by designing and coding simulations using the open-source tool Easy Java Simulation (EJS).

EDUCATION

University of California, Irvine | B.S. in Computer Engineering

September 2016 – June 2020

TECHNICAL SKILLS

Programming Languages: Java, C, Typescript, C++, SQL, HTML/CSS, Javascript

Platform & Tools: Git, Linux, Android Studio

Amazon Web Services: SNS, SQS, CloudFormation, CloudWatch, DynamoDB, ELB, VPC, IAM, Lambda, WAF, VPN

Related Coursework: Advanced C programming, Data Structures and Algorithm, System Software, Computer Networks