

Jinglu Xu

Software Developer & Cloud Engineer
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Auckland, New Zealand

WORK EXPERIENCE

- **Cloud Engineer, Accenture** 2022-Now
 - Provision, configure and maintain cloud infrastructure defined as code
 - Ensure cloud orchestration and automation is operating based on target SLAs
 - Ensure security and compliance in the CloudSkills: Infrastructure as code, CI/CD, Terraform, Azure, AWS, Python

- **Associate Solution Architect, ANZ** 2021-2022
 - Collaborate with the dev team to develop a mobile payment app with a cloud-first strategy
 - Implement governance and monitor the development progressSkills: Cloud Infrastructure Design, AWS

- **Teaching Assistant, The University of Auckland** 2018-2021
 - Lab demonstrator in the undergraduate computer lab
 - Tutor for COMPSCI 230 (Java Programming) and 316 (Information Security)
 - Assignment marker for COMPSCI 210, 230, 316, and 340Skills: Java, Python, C, C++, C#, F#

- **Web Application Developer, The University of Auckland** 2019-2020
 - Enhance an automarking system used in algorithms courses at the university
 - Fix previous bugs and add new dynamic features, such as complex table sorting
 - The tech stack is LAMP + JavaSkills: PHP, MySQL, Java, HTML, CSS, JavaScript, Bootstrap, jQuery

- **Research Assistant, The University of Auckland** 2018-2019
 - Contribute to scientific research and programming efforts for projects in computer networkingSkills: Wireshark, GNS-3, NS-3, C++, MATLAB, Network Management

EDUCATION

- MSc in Computer Science (1st Class), The University of Auckland 2020-2021
- BSc(Hons) in Computer Science (1st Class), The University of Auckland 2017-2020

AWARDS

- Guaranteed Postgraduate Scholarship, The University of Auckland 2020
- Summer Research Scholarship, The University of Auckland 2019

CERTIFICATES

- AWS Certified Solutions Architect (Associate) 2022
- Microsoft Certified: Azure Fundamentals 2022
- Microsoft Certified: Azure Data Fundamentals 2022
- Microsoft Certified: Security, Compliance, and Identity Fundamentals 2022
- HashiCorp Certified: Terraform Associate 2022

PUBLICATION

- Automated Security-Focused Network Configuration Management: State of the Art, Challenges, and Future Directions, IEEE DSA 2022