Jinglu Xu

Cloud Engineer & Software Developer
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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 Cloud

Skills**:** Infrastructure as code, CI/CD, Datadog, Terraform, Azure, AWS, Python, Linux

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 progress

Skills: 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 340

Skills: 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 + Java

Skills: 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 networking

Skills: 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