

HAO CHEN  
Curriculum Vitae

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### Summary

Motivated and skilled Java Developer with 2+ years of experience AWS cloud environment and 3+ years of experience focusing on High-Performance, High-availability, and high-throughput systems. Strong problem-solving skills and in need of a challenge.

### KEY TAG

TDD, BDD, JAVA, SPRING Framework, Python, Azure, AWS, CI/CD, Design pattern.

### WORK EXPERIENCE

- Software Developer at Vector (Java/AWS) April 2017 – Present
  - Create **Infrastructure-as-Code** to deliver software products in a cloud environment.
  - In collaboration with senior, can confidently work towards the completion of varied somewhat complex solutions by doing **behaviour driven development** and **test-driven development**.
  - Provide support to all business applications, analyse system and develop new and perform updates on modules and systems.
  - Work well alongside colleagues (Pair programming).
  - Perform regular analysis on all process activities and collaborate with online system technical team to resolve all pertinent business process and issues.
  - Develop tests for all processes and monitor effective implementation of all new applications and provides support to **Software Development Life Cycle** and identify all issues.
  - Ensure optimal utilisation of all hardware and software technologies and implement all automated systems for all software and hardware technologies.
  - Work within an **agile DevOps** team to understand business requirements and translate them into working software.
  - **Support** software in production to minimise downtime and customer impact.
  - Prepare reports as per requirements and evaluate same to ensure optimal implementation of all applications in systems.
  - Documents all technical design and maintain various tools and applications to ensure achievement of all functional requirements.
  - Coordinate with internal stakeholders and analyse all business requirements and develop information systems to ensure smooth transition to all business systems.
- IT Intern at Vector (.Net/Azure) Dec 2016 – April 2017
  - Designed, developed and maintained enterprise mobile app, systems, and applications
  - Create responsive, high quality software per architectural standards.
  - Adhere to SOLID software design principles.
  - Develop software in line with OWASP secure coding principles.
  - Create **automated tests** for software features to guarantee correct functionality.
  - Create automated tests based on user scenarios to guarantee a high-quality user experience.

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- Create load tests for software and infrastructure to guarantee high availability.
- Microsoft Student Accelerator March 2016 – Dec 2016
  - Node.js
  - Bot.Framework (C#, .Net, Azure)
- Scores4Schools [scores4schools](http://scores4schools)  
Web Developer July 2016 – Nov 2016
  - Designed, developed and maintained web app on Heroku.
- Summer Project University of Auckland  
Research Assistant Jan 2016 – March 2016
  - Analyse the performance of main ISPs in New Zealand.
  - Collected the data from vary sources.

### Licenses & Certifications

- [AWS Certified Solutions Architect – Associate](#)
- [Microsoft Certified Professional \(MCP\)](#)
- [Microsoft Certified Systems Engineer: Windows 2000 Server \(MCSE\)](#)
- [Microsoft Certified Database Administrator \(MCDBA\)](#)

### Education

- **University of Auckland (UoA)** July 2013 – Nov 2016  
Bachelor of Science in Computer Science **New Zealand**
- **University of Connecticut (UCONN)** Jan 2015 – May 2015  
Bachelor of Science in Computer Science **U.S.A**

### Awards

- Computer Science Research Summer Scholarship 2016
- The 360 Auckland Abroad Exchange Travel Awards 2014
- The 360 Auckland Abroad Exchange Universitas 21 Award 2014

### Interests

- Travelling and Cooking, I have learned lots new recipes from my friends.

### Reference

- Role: Principal Software Developer, Name: Karl Bennett, karl.bennett@vector.co.nz
- Role: Software Developer Lead, Name: Tony Prout, tony.prout@vector.co.nz
- Role: Software Developer Manger, Name: Jerry Li, jerry.li@vector.co.nz