

Date: 26 August 2021

To Whom It May Concern

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I am keen to grow my life-long career to be a good full stack software developer together with a passionate team for the successes of the team and the clients.

I am passionate about .NET development, pursuing to be an excellent Microsoft-stack software developer. I am developing and implementing my own learning plan in my spare time at <https://github.com/harrykhlo/LearnMicrosoftStackPlan>, aiming to familiarly with the entire Microsoft-stack inside out. I am also putting my learning into practice through building public and private application. The source code of the public application is at <https://github.com/harrykhlo/RetailManager>; and a public front end of the private application is at <https://biodatasistemas.com.ar>.

I would like listening to people what is important to them, trying my best to suggest and implement possible solutions. I recently initiated three interesting discussions about application of technology and presented along with documents below.

- 1) First was a child portfolio report idea:
 - a) <https://github.com/harrykhlo/MiscellaneousRecords/blob/main/ChildPortfolioReportIdea.pdf>
- 2) Second was a restaurant platform application:
 - a) <https://github.com/harrykhlo/MiscellaneousRecords/blob/main/29.6.2021draft-RestaurantPlatformAppDesignPreamble.pdf>
- 3) Third was an auto data processing:
 - a) <https://github.com/harrykhlo/MiscellaneousRecords/blob/main/14.08.2021Harry-BriefAutoDataProcessingProposal.pdf>

For the third idea, the discussion with <https://www.betasbi.co.nz> is still in progress now. For the second idea, I voluntarily brought a client to initiate business discussions with my friend's company <https://www.tabletwebtech.co.nz>. The discussions are still going now. For the first idea, I could not further put forward because of childcare centre's privacy.

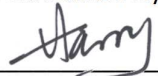
Through past employments, I demonstrated my integrity, responsibility, high standard and team spirit to solve problems. Those attributes have recorded on the referee reports for my scholarship application. The reports are enclosed in a set of supplementary materials summarized some of my efforts given at <https://github.com/harrykhlo/MiscellaneousRecords/blob/main/SupplementaryMaterials.pdf>.

I am enthusiastic about bridging the gap between IT and the businesses, being eager to apply technologies to overcome real-world issues. I can ensure that I am very keen to learn and ready to take any challenges. I would like to bring all my passion, knowledge and skills to your organisation, and to be a positive member to your team.

I am studying a part-time Master of Applied Computing in software development in the Lincoln University while working as a temporary worker in various shifts in the electronics manufacturing industry. And also, I was a mentee in Canterbury Tech, learning software development in C# ASP.NET core and Blazor, and helping my mentor with developing a hearing clinic app <https://biodatasistemas.com.ar> (i.e. the aforementioned private application). I am striving hard to develop my software development career.

I am ready to extend my career in the technology industry with a passionate team. My CV is enclosed and my transcripts and memberships at <https://github.com/harrykhlo/MiscellaneousRecords/blob/main/Transcripts-Memberships.pdf> for your consideration. I look forward to hearing from you. Thank you for your attention.

Yours Sincerely,



Harry Kwok-hung Lo



GET IN CONTACT

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109A Suva Street, Upper Riccarton, Christchurch 8041, New Zealand.

Work Right Status: NZ citizen.

PERSONAL PROFILE

Enter-level software engineer

- **Loves coding, testing and debugging**, as it gives me a sense of accomplishment and confidence.
- Passionate about writing **clean code** satisfying **SOLID principles** that results in robust software.
- **High work ethic** was demonstrated through study and employment.
- With **internship experiences**.
- With **GIS and Fortran programming** experience from civil engineering background
- **Quick learner**: picking up skills quickly and confidently.
- Eager to **continue improving** skills

SKILLS

Coding

- JavaScript
- Python
- C#
- PHP
- HTML
- TypeScript
- C / C++
- CSS
- Markdown
- Fortran

Frameworks and libraries

- ReactJs
- NodeJs
- .NET ASP Core
- Angular
- Flask
- Entity Frameworks
- VueJs

Testing methods and tools

- TDD
- .NET MS Test
- Manual tests
- Jasmine
- Jest

Database

- MS SQL
- MongoDB

Version control

- GitHub
- GitLab

Management methods

- Kanban
- Scrum
- Agile

INTERNSHIP / LEARNING EXPERIENCE

Mentee to Remote Software Developer (Part-time)

Biodata Sistemas (Argentina) | Aug 2021 – Present.

Canterbury Tech (Christchurch) | May 2021 – Aug 2021.

- Learn and develop a hearing clinic app:
<https://biodatasistemas.com.ar/>
- C#, ASP.NET Core Restful API.
- Blazor.
- Jira.

Summer Intern

Tait International | Nov 2020 – Feb 2021.

- Python Flask Restful API.
- Security: SSH certificate.
- Event logging: Graylog for data extraction and visualization.
- Efficiency improvement: maintenance process for remote Linux mobile devices and readability of unstructured log data.
- GitLab for version and quality control
- Linux (Ubuntu distribution)
- Docker

Software Developer Intern

MVP Studio Limited | Aug 2020 – Nov 2020.

- C# ASP.NET core MVC Web Restful API.
- React application.
- GitLab for version control.
- SQL Server DB

Intern

Hedgebook Limited | Feb 2020 – July 2020.

- Test driven development.
- React application.
- Applied Kanban management.
- GitHub for version control.

Intern

Numbers NZ Ltd. | Sep 2019 – Feb 2020.

- Built and tested components of AWS Lambda Serverless.
- Tested and debugged components of Angular and Ionic user interface.
- Agile Scrum software development framework.
- GitHub for version control.

SKILLS (Cont'd)

Log management

- Graylog

Other Skills

- UX design
- GIS
- Electronics
- MS Office
- Embedded system
- Geotechnical engineering
- Structural engineering
- Civil engineering

CURRENT EMPLOYMENTS

Temporary Worker

from several employment agents

OneStaff Recruitment | Aug 2021 – Present.

Reliance Recruitment | Feb 2021 – Jul 2021.

- Manufacturing circuit board.
- Circuit board testing.
- Circuit board inspection.
- Assembly work.

AWARDS

Outstanding Academic Performance

Ara Institute of Canterbury | 2019.

Winner (team of 2) of Coding Challenge @ Te Ōhaka

SchoolBell.chat & Ministry of Awesome | 2019.

Chocolate Fish Award (for design and building database system)

Vector Advanced Meter Service | 2019.

Skills Shortage Scholarship

Ara Institute of Canterbury | 2019

Certificate of Appreciation (for work performance)

TE Connectivity | 2019.

First Runner up (team of 4)

Robert Walters Hackathon | 2018.

UC Summer Research Scholarship

University of Canterbury | 2017.

Golden Key Membership (academic achievement reaching top 15% of students)

Golden Key | 2017.

REFEREES

Available on request.

INTERNSHIP / LEARNING EXPERIENCE (Cont'd)

Software Developer Intern

MVP Studio Limited | May 2018 – Sep 2018.

- Built C# ASP.NET MVC Web Applications.

Placement for UC Scholarship

University of Canterbury | Nov 2017 – Feb 2018.

- Modified and developed an image processing software for improving the efficiency of a microorganism force sensor by using ImageJ and MATLAB.

Summer Intern

Shell Todd Oil Services Limited | Nov 2016 – Feb 2017.

- Modified, designed and developed VBA-embedded Microsoft Excel spreadsheets interacting with production computer systems for improving the efficiency and accuracy of management processes.
- Used MS Excel, VBA, SQL and OSIsoft - PI System.

Research Student and Research Assistant

The Hong Kong Polytechnic University | Sep 2001 – Nov 2004.

- Wrote Fortran program for simulating landslide behaviour.
- Used GIS to generate landslide hazard map.

Education

Master of Applied Computing (Part-time Online)

Lincoln University | Feb 2021 – present.

- User experience design.
- Software development.

Graduate Diploma in ICT (programming pathway)

Ara Institute of Canterbury | Feb 2019 – Jul 2020.

- Software development (C#, Python, JavaScript, HTML, CSS, PHP & SQL).
- Project management.

BE (Hons) Computer Engineering

University of Canterbury | Jul 2014 – Mar 2018.

- Software development (Python, Java, C & C++).
- Electronics (circuit board design and production, VHDL, nano tech & signal and image processing)
- Project management.

Post. Diploma in Professional Accounting (Part-time)

The University of Hong Kong | Sep 2008 – Jul 2010.

Master of Philosophy

The Hong Kong Polytechnic University | Sep 2001 – Jul 2004.

- Wrote Fortran program for simulating landslide behaviour
- Used GIS to generate landslide hazard map.

BEng (Hons) in Civil Engineering (Part-time)

The Hong Kong Polytechnic University | Sep 1996 – Jul 2000.