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| Profile | <p>A software engineer with 2 years full-time experience and 2 years part-time internship, being keen to:</p> <ul style="list-style-type: none">• Apply technology to overcome real world issue; and• Improve coding skills, software maintainability and flexibility. <p>Having a fun hobby project group for providing peer support each other to explore and learn new technology, we are going to improve the documentation and code quality as well as to migrate to microservices on a team of three friends and ChatGPT in our spare time.</p> <p>I enjoy my satisfaction every day on my job and am looking for more challenges and learning. Thus, I am pursuing my imagination via my personal project at https://github.com/brickwareharry.</p> <p>Fun Fact: I could code when I was about ten years old. However, I did not have my own computer, so I became a civil engineer in Hong Kong. Immigrating to New Zealand, I got an opportunity to pursue my childhood passion on computer coding, so here I am.</p> |
| Skills | <ul style="list-style-type: none">• Coding• Documentation• Current stack: Backend: C#, .Net & LINQ; Frontend: Razor with JavaScript libraries and frameworks, e.g. jQuery, Knockout & Kendo• Others: Java, Python, C, C++, TypeScript, VBA, Fortran, Shell Script, HTML, CSS, Markdown, Flask, Angular, React, Node JS, MATLAB, LINQ, Unit Test, Jest, NUnit, TDD, Git, SVN, Jira, Confluence, Docker, RabbitMQ, Graylog, Kanban, Scrum, Azure, AWS, Microservices, Office 365. <ul style="list-style-type: none">• Debug• Quality Control <ul style="list-style-type: none">• Testing• Production Support <ul style="list-style-type: none">• SQL• Learning |
| Experience | <ul style="list-style-type: none">• Grad Software Engineer FIS - Fidelity National Information Services Sep 2022 – Present I am usually working on a team of 9 members, we build and design components of our internal and external web applications and also perform daily quality control operations. Sometime, I am simultaneously working on another, for example, on a customer service team of 9 members providing level 3 support involving issue replication, debug, design, bug fix, data fix, coding, official responses and prioritization.<ul style="list-style-type: none">▪ Technology applied: C#, .NET, SQL, LINQ, NUnit, Razor page, JavaScript, JQuery, Kendo UI and Knockout JS.• Grad Application Developer New Zealand Customs Service (Wellington) Feb 2022 – Sep 2022 I was working on a team of 10 members. We provided level 3 production support, bug fix, testing, coding improvement analysis, coding improvement and documentation.<ul style="list-style-type: none">▪ Technology applied: Java, SQL and Schell Script.• Summer Intern Tait International Nov 2020 – Feb 2021 I was working on a team of 8 members. I built and tested a software logging system between radio devices and radio stations for providing the station with capability of requesting and displaying radio devices' logs.<ul style="list-style-type: none">▪ Technology applied: Python Flask Restful API, Linux Device logging system, Graylog and Shell Script• Software Developer Intern MVP Studio Limited Aug 2020 – Nov 2020 I was working on a dynamic team to build and test an employment web application.<ul style="list-style-type: none">▪ Technology applied: C#, ASP.NET Restful API, React JS, Entity Framework, SQL and Azure.• Intern Hedgebook Limited Feb 2020 – July 2020 I was working on a team of 5 members to build and test a React frontend web application.<ul style="list-style-type: none">▪ Technology applied: React JS, Jest and Test Driven Development.• Intern Numbers NZ Ltd. Sep 2019 – Feb 2020 I was working on a team of 6 members to build and test a communication web application.<ul style="list-style-type: none">▪ Technology applied: Angular, Ionic and AWS Lambda Serverless |

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| Experience (Cont'd) | <div><div>• Software Developer Intern MVP Studio Limited May 2018 – Sep 2018</div><div>I was working on a dynamic team to build and test an employment web application.</div><div>▪ Technology applied: C#, ASP.NET MVC, Entity Framework and SQL.</div></div> | | |
| | <div><div>• UC Scholarship Placement University of Canterbury Nov 2017 – Feb 2018</div><div>I was working with 4 biologists to build and test an image tracking application required to handle a huge amount of high-quality microscope images.</div><div>▪ Technology applied: ImageJ Image Processing and MATLAB</div></div> | | |
| | <div><div>• Summer Intern Shell Todd Oil Services Limited Nov 2016 – Feb 2017</div><div>I was working on a team of 4 members to build and test a Microsoft Excel components to acquire and display real time operation data for pricing and management decisions.</div><div>▪ Technology applied: Microsoft Excel, VBA, SQL and OSIsoft - PI System</div></div> | | |
| Educations | <div><div>• Graduate Diploma in ICT (programming) Ara Institute of Canterbury Feb 2019 – Jul 2020</div></div> | | |
| | <div><div>• BE (Hons) Computer Engineering University of Canterbury Jul 2014 – Mar 2018</div></div> | | |
| | <div><div>• Post. Dip. in Prof. Accounting (Part-time) The University of Hong Kong Sep 2008 – Jul 2010</div></div> | | |
| | <div><div>• Master of Philosophy (Research Work) The Hong Kong Polytechnic University Sep 2001 – Jul 2004</div></div> | | |
| | <div><div>• BEng in Civil Engineering (Part-time) The Hong Kong Polytechnic University Sep 1996 – Jul 2000</div></div> | | |
| Referees | <div><div>• Available on request</div></div> | | |