

## EMPLOYMENT

<b>Web Developer</b> <b>(Full-Time)</b>	<b>Rocketspark</b> <b>Content Management System (SaaS)</b> <a href="https://www.rocketspark.com/nz">https://www.rocketspark.com/nz</a>	<b>July 2019 - Current</b>
<ul style="list-style-type: none"><li>Develop cross-application RESTful APIs for analytics processing (OLAP) as part of Business Intelligence (BI).</li><li>Introduce an Architectural Runway and implement CI/CD as part of Agile</li></ul>		
Tech: <i>Apache, PHP, Node, JavaScript, Vue, Vagrant, Selenium</i>		
<b>Software Engineer</b> <b>(Self-Employed)</b>	<b>Asymbiotic</b> <b>Point of Sale (SaaS)</b> <a href="https://www.asymbiotic.co.nz">https://www.asymbiotic.co.nz</a>	<b>February 2019 – July 2019</b>
<ul style="list-style-type: none"><li>Cloud Computing (Amazon Web Services) – Serverless Applications using RESTful APIs</li><li>Implemented AWS Cognito as a cloud-based access control tool to manage client-side user identities</li><li>Utilize API Gateway and Lambdas in the process of creating a decoupled architecture for a web application</li></ul>		
Tech: <i>Python, Node, JavaScript, React, AWS S3 – Lambdas - API Gateway - R53 – CloudFront - more...</i>		
<b>Software Engineer</b> <b>(Contract)</b>	<b>Nyriad</b> <b>Exa-scale Storage (SaaS)</b> <a href="https://nyriad.com">https://nyriad.com</a>	<b>August 2018 – February 2019</b>
<ul style="list-style-type: none"><li>Improve legacy infrastructure code leading to a 100,000% speed increase at the software speed bottleneck</li><li>Created custom kernel modules within a GitLab + Jenkins (CI/CD) pipeline and improved code coverage from 60% to 96%</li></ul>		
Tech: <i>C, C++, Python, Bash Scripting, Vagrant, Selenium</i>		
<b>Tech Consultant</b> <b>(Casual)</b>	<b>Reach NZ</b> <b>Retail (Clothing)</b> <a href="http://reach17.co.nz">http://reach17.co.nz</a>	<b>January 2017 – August 2018</b>
<ul style="list-style-type: none"><li>Helped build retail IT infrastructure and Point of Sale systems. This includes redesigning on-premise data storage and implementing OLTP (Online Transaction Processing) data processing methods.</li></ul>		
Tech: <i>Backend - Relational Databases (MySQL)</i>		

## LANGUAGES/TECH STACK

(Spoken: English, Mandarin)

Language	Years of Experience	Tech	Years of Experience
Python	6+	Relational Databases (MySQL)	3+
JavaScript	3+	Test Automation (Selenium)	2+
PHP	1+	Software Architecture (Data, CI/CD)	2+
C/C++	1+	Non-relational Databases (MongoDB)	1+
Bash	1+	Frontend Frameworks (React/Vue)	1+
		Frontend Languages (HTML/CSS)	1+
		Cloud Computing (AWS)	1+

## TECHNICAL PROJECTS

<b>Open Source - Technology</b> <b>(Volunteer)</b>	<b>Voluntarily</b> <b>Education Platform (PaaS)</b> <a href="https://voluntarily.nz">https://voluntarily.nz</a>	<b>May 2019 - Current</b>
<ul style="list-style-type: none"><li>Contribute to a platform which connects corporate tech volunteers with classrooms to teach science and technology</li></ul>		
Tech: <i>MongoDB (NoSQL), Express, React, Node, Docker</i>		
<b>Open Source – Technology</b> <b>(Personal Project)</b>	<b>Atob Mazer</b> <i>Fun program to see what algorithms do, check it out -&gt;</i>	<b>September 2019</b> <a href="https://slaytr.github.io">https://slaytr.github.io</a>

## EDUCATION

<b>Auckland, New Zealand</b> Bachelor of Science Focal Points:	<b>University of Auckland</b> <b>Computer Science</b> <a href="https://www.auckland.ac.nz/en.html">https://www.auckland.ac.nz/en.html</a> Applied Algorithms, Distributed Databases and Computational Logic	<b>May 2018</b>
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## OTHER/AWARDS

Technology	Year	Social	Year(s)
LinkedIn Professional (Cloud Computing – AWS)	2019	Volunteer/Contributor (UNICEF)	2012-2019
LinkedIn Professional (Version Control - Git)	2019	Volunteer (Developing Country – Nepal)	2012
LinkedIn Professional (Language – Python)	2019	National Interschool Chess Champion	2011
AWS Cloud Migration (Certificate) 23/05	2019	Duke of Edinburgh Award	2010
Competitive Coding (LeetCode) <i>Top 80% Percentile</i>	2019		