

Work	<div><div>Alex Solutions</div><div>Melbourne, Australia</div><div>Oct 2019 - Present</div><div><b>Software Developer (Full-Stack) - Core Platform</b></div><div>As a developer in the Core Platform team, while working through Agile practices, my general responsibilities are to:</div><div><ul style="list-style-type: none"><li>• Develop the core back-end codebase written in Java/Scala (Play/Spring)</li><li>• Develop the core front-end codebase written in Javascript/Typescript (React/jQuery)</li><li>• Extend/Decouple features through the development of microservices and microfrontends</li><li>• Maintain developer pipelines and documentation</li><li>• Maintain user-facing public APIs and guides</li><li>• Standardize and uplift web-security and authentication throughout multiple projects</li></ul></div><div>Noteworthy accomplishments:</div><div><ul style="list-style-type: none"><li>• Developed CLI's to support the migration of large databases between versions</li><li>• Supervised a team of 3 in the development of a new front-end initiative</li><li>• Lead a team of 10 during a support rotation to tackle client-facing issues</li><li>• Implemented new unit testing practices resulting in the uplift of front-end code coverage</li><li>• Onboarded new developers of varying seniority to the team</li><li>• Maintained repositories to ensure code-coverage and agile practices were upheld</li><li>• Held presentations on a variety of topics with the aim of reducing knowledge-silos</li><li>• Uplifted data-intensive areas to improve memory-usage, tolerance, and speed of processes</li><li>• Architected the solution to convert existing JWT standards from JWS to JWE</li></ul></div></div>
	<div><div>University of Melbourne - University Services</div><div>Melbourne, Australia</div><div>Jan 2019 - Apr 2019</div><div><b>Spatial Data Analyst Intern</b></div><div>Utilized Tableau and python based data processing libraries to:</div><div><ul style="list-style-type: none"><li>• Process and analyze spatial datasets for the University's TEFMA and Go8 dashboards</li><li>• Visualize spatial datasets to create official University dashboards on vacant space</li><li>• Create dashboards that showcase live University prominent building data</li></ul></div></div>
	<div><div>Jakarta Smart City</div><div>Jakarta, Indonesia</div><div>Nov 2018 - Dec 2018</div><div><b>Data Analyst &amp; Engineer Intern</b></div><div>Utilized Tableau and python based data processing and visualization libraries to:</div><div><ul style="list-style-type: none"><li>• Identify and rectify inaccuracies and logical errors within GOWES datasets</li><li>• Analyze and visualize static and geospatial patterns arising from the use of GOWES</li><li>• Analyze and visualize varying types of public complaints made to the government</li><li>• Conduct data maintenance by observing database usage and analyzing data integrity</li><li>• Extract subsections of government-owned data through the use of SQL queries</li></ul></div></div>
Education	<div><div>University of Melbourne</div><div>Melbourne, Australia</div><div>Jul 2016 - Jul 2019</div><div><b>Bachelor of Science Majoring in Computing and Software Systems</b></div></div>
Skills	<div><ul style="list-style-type: none"><li>• Programming Languages: Java, Scala, Javascript, Typescript, Python</li><li>• Web Frameworks: Play, Spring, React, Redux, jQuery</li><li>• Databases: PostgreSQL, Elasticsearch, Neo4J</li><li>• CI/CD: Docker, Gitlab, Jenkins, SonarQube, AWS, Terraform</li><li>• Testing: Unit, Integration, E2E</li><li>• Tools: IntelliJ, Tableau, Figma</li><li>• Others: TDD, Database Modelling, Software Modelling, UI/UX Design</li></ul></div>
Referral	<div><div>Wei How Ng, Data Developer at REA</div><div>Contact: <a href="mailto:ngweihow.r@gmail.com">ngweihow.r@gmail.com</a></div></div>