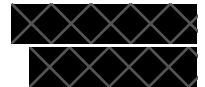


# Alexander Yu

Email: [REDACTED]

Portfolio: [\[WEBSITE\]](#)

Github: [\[LINK\]](#)



LinkedIn: [\[LINK\]](#)

Profile	Computer Science student at University of Toronto. Passionate about <b>backend web development</b> and <b>DevOps</b> . Strong optimist, well organized, and communicative.
Skills & Certifications	<p>Certified <b>Kubernetes</b> Application Developer (CKAD) - <a href="#">[LINK]</a></p> <p>Strong proficiency in <b>Django</b>, <b>SQL</b>, and <b>containerized</b> application development</p> <p>Experience with web development on <b>AWS</b> and <b>GCP</b></p> <p>Solid grasp of <b>OOP</b>, <b>data structures</b>, <b>algorithm design</b></p>
Experience	<p>University Health Network (UHN Toronto) - <a href="#">[LINK]</a></p> <p>Python Developer, October 2020 - April 2021</p> <ul style="list-style-type: none"><li>- Leveraged <b>RESTful APIs</b> to transfer data into <b>MySQL</b> databases</li><li>- Developed <b>automated testing</b> suites using <b>Selenium Webdriver</b> and Python <b>unit-test</b> to notify team of issues via email</li><li>- Manipulated and processed health-related data using <b>Numpy</b> and <b>Pandas</b></li></ul>
Projects	<p>Scheduling Service for Sports Teams- <a href="#">[WEBSITE]</a> - <a href="#">[GITHUB]</a> - <a href="#">[MEDIUM]</a></p> <ul style="list-style-type: none"><li>- Created a <b>SaaS-based web app</b> for scheduling and payroll calculation</li><li>- Wrote <b>REST APIs</b> to manipulate user data (Create, Read, Update, Delete)</li><li>- Developed using <b>Django Python</b> web framework</li><li>- Deployed on <b>AWS Linux EC2</b> running <b>Apache</b> and <b>Postgresql (SQL)</b></li></ul> <p>Android Calendar App - <a href="#">[GITHUB]</a></p> <ul style="list-style-type: none"><li>- A productivity-themed calendar app using <b>Java + Android SDK</b></li><li>- Implemented a <b>data storage</b> mechanism, allowing data to persist in local memory</li><li>- Created an alert functionality using android's built-in <b>app notifications</b></li></ul> <p>Obstacle Avoidance with Machine Learning - <a href="#">[GITHUB]</a></p> <ul style="list-style-type: none"><li>- Atari style agent avoids falling obstacles with <b>Reinforcement Learning</b></li><li>- Created a physics simulation with <b>Python</b> using <b>tensorflow-agents</b></li><li>- Trained decision making model to superhuman level within 30 min</li></ul>
Education	<p>Bachelor of Science in Computer Science</p> <p>University of Toronto - St. George Campus</p> <p>2019 - present</p> <p>GPA: 3.7</p>