

# Nicholas Ruan

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<b>Education</b>	<p><b>New York University</b>, New York, NY</p> <ul style="list-style-type: none"><li>- Bachelor of Arts in Computer Science, May 2019, GPA: 3.4/4.0</li><li>- Minors in Studio Art and Web Development</li></ul> <p><i>Selected Coursework:</i> Agile Software Development, Operating Systems, Computer Systems Organization, Computer Networks, Basic Algorithms, Calculus II, Web Development and Programming</p>
<b>Skills</b>	<p><i>Programming Languages:</i> Java, JavaScript, Python, C, PHP</p> <p><i>Tools:</i> Git, React, React Native, Firebase, Travis CI, jQuery, Node.js, Express, HTML5, CSS3</p>
<b>Work Experience</b>	<p><b>Rays Capital</b>, Hong Kong (2018) Front End Web Developer</p> <ul style="list-style-type: none"><li>• Designed front end user interface for web application using Bootstrap, JavaScript, HTML and CSS</li><li>• Built front end web server using Express</li><li>• Worked with project manager to manage timelines and client expectations</li></ul> <p><b>Key Digital Systems</b>, New York, NY (2017) Software Developer</p> <ul style="list-style-type: none"><li>• Compass Control programmer and system designer</li><li>• Wrote scripts for bi-directional drivers</li></ul>
<b>Projects</b>	<p><b>Toilet Finder Mobile Application</b></p> <ul style="list-style-type: none"><li>• Built a full-stack mobile app that used crowdsourced information to locate bathrooms in New York City</li><li>• Collaborated with three other developers using Agile software development principles and practices</li><li>• Perform code reviews, unit testing, performance analysis, and continuous integration.</li></ul> <p><b>Movie List Mobile Application</b></p> <ul style="list-style-type: none"><li>• React Native for front end and Google's Firebase for user authentication and verification</li></ul> <p><b>NYPD Motor Vehicle Collisions Analysis</b></p> <ul style="list-style-type: none"><li>• Taught myself and implemented an AVL binary search tree data structure</li><li>• Read and processed large data sets from input files</li></ul>
<b>Activities</b>	<p><b>Swimming</b></p> <ul style="list-style-type: none"><li>• NYU Men's Swimming &amp; Diving Varsity Team (2015 - 2016)</li><li>• Australian Age Swimming Championships (2010, 2012 (Top 10), 2013, 2014)</li></ul> <p><b>Two Birds, One Stone</b></p> <ul style="list-style-type: none"><li>• Delivered food to local homeless shelter weekly (2017 - 2018)</li></ul>