

Nicholas Ruan

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Education	<p>New York University, New York, NY</p> <ul style="list-style-type: none">- Bachelor of Arts in Computer Science, May 2019, GPA: 3.4/4.0- Minors in Studio Art and Web Development <p><i>Selected Coursework:</i> Agile Software Development, Operating Systems, Computer Systems Organization, Computer Networks, Basic Algorithms, Calculus II, Web Development and Programming</p>
Skills	<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>
Work Experience	<p>Rays Capital, Hong Kong (May - August, 2018) Front End Web Developer</p> <ul style="list-style-type: none">• Designed front end user interface for web application using Bootstrap, JavaScript, HTML and CSS• Built front end web server using Express• Worked with project manager to manage timelines and client expectations <p>Key Digital Systems, New York, NY (August - January, 2017) Software Developer</p> <ul style="list-style-type: none">• Created mobile user interfaces as a Compass Control programmer and system designer• Wrote scripts for bi-directional drivers
Projects	<p>Toilet Finder Mobile Application</p> <ul style="list-style-type: none">• Built a full-stack mobile app that used crowdsourced information to locate bathrooms in New York City• Collaborated with three other developers using Agile software development principles and practices• Performed code reviews, wrote unit tests, conducted performance analysis, and implemented continuous integration <p>Movie Wishlist Application</p> <ul style="list-style-type: none">• Created full-stack web app that utilizes the AMC API and allows users to add currently showing and upcoming movies to a wishlist.• Used React for front end and Google's Firebase for user authentication and verification <p>NYPD Motor Vehicle Collisions Analysis</p> <ul style="list-style-type: none">• Taught myself and implemented an AVL binary search tree data structure
Activities	<p>Swimming</p> <ul style="list-style-type: none">• NYU Men's Swimming & Diving Varsity Team (2015 - 2016)• Australian Age Swimming Championships (2010, 2012 (Top 10), 2013, 2014) <p>Two Birds, One Stone</p> <ul style="list-style-type: none">• Delivered food to local homeless shelter weekly (2017 - 2018)