

Nicholas Ruan

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- Education** **New York University**, New York, NY
- Bachelor of Arts in Computer Science, May 2019, GPA: 3.4/4.0
 - Minors in Studio Art and Web Development
- Selected Coursework:* Agile Software Development, Operating Systems, Computer Systems Organization, Computer Networks, Basic Algorithms, Calculus II, Web Development and Programming
- Skills** *Programming Languages:* Java, JavaScript, Python, C, PHP
Tools: Git, React, React Native, Firebase, Travis CI, jQuery, Node.js, Express, HTML5, CSS3
- Relevant Experience** **Rays Capital**, Hong Kong (May - August, 2018)
Front End Web Developer
- 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
- Key Digital Systems**, New York, NY (August - January, 2017)
Software Developer
- Created mobile user interfaces as a Compass Control programmer and system designer
 - Wrote scripts for bi-directional drivers
- Projects** **Toilet Finder Mobile Application**
- 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
- Movie Wishlist Application**
- 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
- NYPD Motor Vehicle Collisions Analysis**
- Taught myself and implemented an AVL binary search tree data structure
- Activities** **Muddy Paws Rescue Web Developer** (July 2019 - Present)
- Help build, redesign, and maintain website for the nonprofit dog rescue as a volunteer
- Swimming**
- NYU Men's Swimming & Diving Varsity Team (2015 - 2016)
 - Australian Age Swimming Championships (2010, 2012 (Top 10), 2013, 2014)