

# Tony Chen

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## EDUCATION

2015 – 2017	<b>PACE UNIVERSITY</b> Master of Science in Computer Science, December 2017 Cumulative GPA: 3.98	<b>NEW YORK, NY</b>
2008 – 2012	<b>STONY BROOK UNIVERSITY</b> Bachelor of Science in Biology, May 2012	<b>STONY BROOK, NY</b>

## SKILLS

### Programming Languages:

TypeScript, JavaScript, Go, SQL, Swift, HTML, CSS, SASS

### Technology:

React, Redux, Angular, Ionic, Node.js, GraphQL, Express, Mongo, Lodash, Bootstrap, ag-Grid, D3, Gorm, Ngrx, Rxjs, Docker

## WORK EXPERIENCE

2019 – Present	<b>Dv01</b> <b>Senior Frontend Developer</b> <ul style="list-style-type: none"><li>Primary frontend developer on a green field project which eventually led to successful sale of product.</li><li>Developed a text editor with auto-completion, auto-suggestion, and syntax highlighting for an in-house language.</li><li>Improved application's data visualization by migrating new and existing tables to ag-grid.</li><li>Helped redesign the front-end's state management architecture.</li><li>Refactored legacy Javascript components to Typescript and added test coverage.</li></ul>	<b>NEW YORK, NY</b>
2017 – 2018	<b>NOBLE MARKETS</b> <b>Software Developer</b> <ul style="list-style-type: none"><li>Developed an onboarding application using Angular 6, Node.js, Express, Mongo and WebSocket to facilitate clients joining Noble's platform</li><li>Build out new features such as Cryptocurrency Custody, which allows clients to deposit / withdraw to/from an external third-party wallet account, to a real-time post-trade application.</li><li>Assisted in developing a RESTful API with Node.js and Express.js for external clients to connect with Noble.</li><li>Implemented RSA encryption and signature verification to a RESTful API.</li><li>Contributed to writing unit test for back-end Node.js applications.</li></ul>	<b>NEW YORK, NY</b>
2013 – 2015	<b>ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI</b> <b>Senior Associate Researcher</b> <ul style="list-style-type: none"><li>Analyzed the laboratory's extensive genotyping data in order to filter out the species of interest.</li><li>Converted genotyping records from paper to computer based to allow seamless access to data for lab members.</li><li>Conducted experiments and obtained results in a timely fashion to allow for further experimentation and analysis.</li></ul>	<b>NEW YORK, NY</b>

## INTERNSHIP

2017	<b>NOBLE MARKETS</b> <b>Software Developer Intern</b> <ul style="list-style-type: none"><li>Developed a backend service using Go and utilized the Slack API to streamline clients signing into the office.</li><li>Built a client application using React.js to allow users to sign-in and select who they were meeting with.</li></ul>	<b>NEW YORK, NY</b>
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## LEADERSHIP

2016	<b>GOOGLE</b> <b>Student Facilitator – Applied CS with Android</b> <ul style="list-style-type: none"><li>Selected to facilitate first iteration of Applied CS with Android workshop in the U.S.</li><li>Led 6 sessions, with 15 Pace University students, on developing games for Android devices by applying various algorithms and data structures.</li><li>Guided small groups in building Android based games by providing frequent feedback on code.</li><li>Communicated with Google employees at the end of training to provide feedback on training material.</li></ul>	<b>NEW YORK, NY</b>
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