Danny Yu

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SKILLS

- **Language**: C#, Java, Python, Javascript/Typescript, Jquery, Swift, Haskell, Racket, SQL, NoSQL

- **Framework:** .NET, Selenium, AWS, AngualrJS, Angular4, NodeJs, ReactJs, Cytoscape.js

- **Database:** Microsoft SQL Server, MySQL, MongoDB

- **Tools:** Git, Eclipse, VSTS, VS code, Postman, Visual Studio, Xcode, Android Studio

EXPERIENCE

- **Canada Student Loan Program** | www.nslsc.ca | Automation Developer — Finastra
  `C#, Typescript, Angular4, Selenium, MS-SQL-Server` — *May 2017 - Current*
    - Used Angular4 framework with Typescript, Integrated data from various back-end services and databases and optimized applications for maximum speed
    - Used Microsoft SQL server and created generic query-based API methods for variety test cases
    - Developed automation testing process by using C#, .NET Framework and Selenium. Test UI, API and database based on Agile management purpose

- **MC^2** | mc2.trentu.ca | Research Assistance & Software Developer — Trent University
  `AngularJS, Javascript, NodeJs, MongoDB` — *Sep 2017 - May 2018*
    - Developed structure recognition algorithm to convert equation in SVG format to TEX by using AngularJs
    - Developed administrative web service to aid in collecting and storing user data with NodeJS and MongoDB.
    - Created responsive UI elements for the website for mobile support with Javascript

PROJECT

- **GradUTree** | gradutree.com | Software Developer — University of Toronto
  `ReactJS, AWS, Javascript, Cytoscape.Js, NodeJs, MongoDB` — *Jan 2017 - Apr 2017*
    - Developed webservice to help students plan their undergraduate path as Directed-Acyclic-Graph with Cytoscape.js and React.js
    - Deployed App on AWS with EC2 instance and Elastic IP
    - Built backend with unit-testing by combining Node.js and MongoDB

- **AdStocker** | Software Developer — IndexExchange Hackathon
  `Python, Javascript` — *Nov 2016 - Nov 2016*
    - Collected Twitter and Reddit trending posts and analyze with Google Sentiment Analysis API to understand consumers reaction
    - Used Python to call multiple API and analyze it as backend purpose
    - Used Javascript to express the data as graph and chart as frontend purpose

- **MoMo** | Software Developer — TELUS Sustainability Challenge
  `Java, Javascript, Eclipse` — *Oct 2016 - Oct 2016*
    - Created an application that provide a locational events to customers by using TELUS API
    - Used Javascript to Implement a sending SMS and Tracking location services
    - Used Java Keystore to ensure the security of user

EDUCATION

- **University of Toronto** — Toronto, ON
  Bachelor of Science in Computer Science Specialist: Software-Engineering stream — *Sep 2016 - Apr 2019*