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 - Mar 2019*

- 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*