

# Danny Yu

dannyyu.me | hyeong.yu@mail.utoronto.ca | +1-647-866-9696

## SKILLS

---

- **Language:** Java, Javascript/Typescript, JQuery, Python, C#, Swift, SQL, NoSQL
- **Framework:** .NET, Selenium, AngularJS, 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](http://www.nslsc.ca) | Automation Developer Finastra  
C#, Typescript, Angular4, Selenium, MS-SQL-Server *May 2017 - Sep 2018*
  - Using Angular4 framework with Typescript, Integrate data from various back-end services and databases and optimize applications for maximum speed
  - Using Microsoft SQL server create generic query-based API methods for variety test cases
  - Develop automation testing process by using C#, .NET Framework and Selenium. Test UI, API and database based on Agile management purpose
- **MC<sup>2</sup>** | [mc2.trentu.ca](http://mc2.trentu.ca) | Research Assistance & Software Developer Trent University  
AngularJS, Javascript, NodeJs, MongoDB *Sep 2017 - May 2018*
  - Develop structure recognition algorithm to convert equation in SVG format to TEX by using AngularJs
  - Develop 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](http://gradutree.com) | Software Developer University of Toronto  
ReactJS, Javascript, Cytoscape.Js, NodeJs, MongoDB *Jan 2017 - Apr 2017*
  - Develop webservice to help students plan their undergraduate path as Directed-Acyclic-Graph with Cytoscape.js and React.js
  - Implemented a rating review system for courses and ways to parse course data into tree structures.
  - Build backend with unit-testing by combining Node.js and MongoDB
- **AdStocker** | Software Developer IndexExchange Hackathon  
Python, Javascript *Nov 2016 - Nov 2016*
  - Collect 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 an 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*