

DANNY LIU

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SUMMARY OF QUALIFICATIONS

- Founded a company codegenius.io, where I served as both CEO and the front-end web developer
- Created computer games, Android apps, and web apps as side projects
- Knowledge of Node.js, Java, C, HTML, CSS, Javascript, PHP, MySQL, and XML
- Quick learner; took 9 AP Courses and placed nationally in 4 math contests in high school
- An insatiable desire to learn. Constantly fiddling with Youtube tutorials and applying knowledge learned there to build side projects. Currently in the process of learning Node.js and NoSQL databases such as Firebase/Parse.

EXPERIENCE

CEO

Toronto, ON

Code Genius Inc.

July 2015 – present

- Founder of company that connects engineers with experts in their industry for specialized programming consulting
- Designed entire user interface as well as contributed to back-end code using Node.js
- Find out more at <http://codegenius.io/>

EXECUTIVE MEMBER

Toronto, ON

DECA Business Club

Oct 2014 – April 2015

- Lead my high school's DECA chapter and trained members in all financial competitive events
- Placed 5th at the DECA International Career Development Conference in the Financial Team Decision Making event
- Placed 1st at the DECA Ontario Provincial Competition in the Financial Team Decision Making event

CLUB PRESIDENT

Toronto, ON

Idea Spark Club

Sep 2013 – May 2015

- Designed weekly sessions filled with stimulating engineering build projects, team building activities, and science demonstrations for elementary school students
- Prepared meeting agenda, designed rough draft of project handouts, and ran the executive meetings

HIGH SCHOOL RESEARCH ASSISTANT

Toronto, ON

Geophysics Research Student (UofT)

Aug 2013 – Aug 2014

- Abstract: To identify and present defining characteristics of buried guns and pigs to aid the police in uncovering evidence for cold murder and drug cases
- Collected and analyzed data in the fields with proton precession magnetometers and resistivity lines using Matlab
- Plotted collected data on Matlab and produced scientific report with conclusions

EDUCATION

UNIVERSITY OF WATERLOO

Bachelor of Applied Science and Software Engineering

Sept 2015

Kitchener, Waterloo, ON

- **Relevant Courses:** All about Node.js (Udemy), Programming Principles, Introduction to Data Management and Abstraction, AP Computer Science, Codecademy (HTML, CSS, Javascript, PHP, SQL) courses

RELEVANT PROJECTS

RezGradr

September 2015

- Website application where users can submit their resume online and their friends can access a link to vote/give it ratings. Backend database used was FireBase and server was set up with Node.js.
- The website then tells the user what the average rating is. Completed at Hack the North 2015.

Code Genius Inc. Website

July 2015

- Wrote code to develop peer-to-peer live code editing, screen sharing, video calling, and file transferring features
- Features can be tested with two screens if both computers access <http://codegenius.io/user/live>
- Wrote all HTML, CSS, and Javascript front-end code for the landing page and user/expert registration and interface screens
- Set up server and database using MongoDB. Used Node.js as the database language

Markit Price Watching Android App

June 2015

- App that tracks the prices of items a user is interested in buying and alerts them if the price drops below a certain range

Texas Hold'em Poker App

May 2015

- Wrote a computer application from scratch in Java that allows for two people to play Texas Hold'em Poker
- App deals two cards to each player from a randomized deck and is complete with pre-flop, post-flop, turn, and river actions
- The app also restarts the game upon the completion of each hand with an updated stack size.

Pokémon Catching Computer Game

June 2014

- Created a game in which evil Pokémon act as heat-seeking missiles and travel towards the designated player avatar
- The player gets points by throwing randomly spawning Pokéballs at the evil Pokémon

AWARDS AND SCHOLARSHIPS

- Euclid Math Contest School Champion
- Canadian Senior Math Contest National Honour Roll
- Canadian Intermediate Math Contest National Honour Roll
- UBC Major Entrance Scholarship (\$30 000)
- Waterloo Math Entrance Scholarship (\$8000) + President's Scholarship (\$2000)

ACTIVITIES AND INTERESTS

ENTREPRENEURSHIP

MIT Launch

July 2015

- Summer incubator program where the idea for Code Genius was hatched (launchsummer.org)

Shad Valley

July 2014

- Science and entrepreneurship program where high school students compete for the best product idea