

JONAH DLIN

2B
COMPUTATIONAL
MATH

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Skills

APPLICATIONS

Excel
Microsoft Suite
Google Drive

LANGUAGES

Python
C
SAS
JS
jQuery
HTML/CSS
Racket/Scheme
Markdown
LaTeX

HOBBIES

Chess
Drums
Bass Guitar
Piano
Video games
Web projects

Education

University of Waterloo
Candidate for Bachelor of Mathematics 2020

Projects

GraphHax

jonahdlin.com/graph

2017

- Built fully-functional vertex-edge graph visualizer in JS/JQuery
- Mastered HTML5 canvas to draw nodes and connectors in-browser
- Implemented versatile customization tools for solving graph theory problems

eQuality

jonahdlin.com/equality

2016

- Created randomly generated math puzzle game from scratch
- Implemented custom algorithm for level generation in JS
- Designed simplistic yet eye-catching web page in HTML5/CSS3

Employment

Math Tutor

Humber Institute of Technology

Etobicoke, ON

Jan 2017 to Apr 2017

- Tutored statistics, programming, finance, Excel and basic math to Humber students
- Organized over 100 visits to classrooms to promote Math Centre services
- Wrote a web-based scheduling app to alert staff before class visits
- Designed and authored instructional chess poster to educate beginner players

Junior Actuarial Analyst

The Economical Insurance Group

Toronto, ON

May 2016 to Aug 2016

- Tested online direct auto insurance platform in preparation for its launch
- Modified and coordinated SAS programs to prepare large datasets for modelling
- Generated approximate property rates and outputted to PDFs using Excel and SAS
- Used Radar and Excel to assess competitiveness of company rates across Canada

Construction Site Assistant

iBUILD

Toronto, ON

Jun 2015 to Aug 2015

- Assessed safety daily at four active construction sites and built safety barriers
- Ensured preservation of completed sections of the construction projects
- Communicated with on-site tradespeople, local residents, clients, and superiors to ensure coordination and client satisfaction
- Trusted with honestly reporting my weekly hours and the spending of company money

Awards

Fall 2015 and Winter 2016 Dean's Honours

University of Waterloo

Honours distinction given by term to students with outstanding grades. Obtained with 90% average in term 1A and 91% in 1B.

Mathematics Award

Tanenbaum CHAT

Awarded to the student with the highest combined grade 12 mathematics average. Obtained with 98% average across advanced functions and calculus.