Daniell Yang
programmer. designer. investor.

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Skills

Technical
C • Java • Python • C# • Javascript
Scheme • Git • SQL

Creative
Photoshop • Illustrator • InDesign
Flash • Muse • AfterEffects • CAD

Finance
Thomson Reuters Eikon • Capital IQ

Achievements

1st Place, HackWestern4
Best Use of Innovative AI
University of Western Ontario
Nov 2017

5th Place, DECA Internationals
Sports and Entertainment Promotion
DECA Inc.
Apr 2017

1st Place, Ontario Championships
Mixed Doubles
Badminton Ontario
Apr 2016

3rd Place, Ontario Championships
Men's Doubles
Badminton Ontario
Apr 2016

Education

University of Waterloo
*Bachelors of Computer Science
and Financial Management*
Sep 2017 - April 2022 (Expected)

Don Mills Collegiate Institute
*CyberARTS Graduate: Specialized
program focusing on Visual Arts
and Graphic Design*
Sep 2012 - Jun 2017

Interests

Fine Arts
Investing
Badminton
Cooking
Military History
Comicbooks

Projects

Bella, Dynamic Spotify Playlists
Python, Java
- iOS app utilizing InterAxon's Muse headband to analyze an individual's brain-waves to generate a dynamic Spotify playlist perfectly suited for the user's complex and unique state of mind
- Researched current UI design trends for music player apps and designed the wireframes for our interactive iOS app to make it intuitive and aesthetically pleasing
- Won Best Use of Innovative AI/ Deep Learning Interface out of 100+ teams at MLH HackWestern4

OptionBuddy, Option Pricing Calculator
Python
- Program that returns basic information (delta, theta, vega etc.) about a financial derivative and calculates the optimal contract to purchase to maximize profit given the underlying stock's trends
- Developed with Google Finance's API to pull live stock quotes and Black-Scholes Option pricing model to accurately calculate the "Greeks" and option prices

Experience

Market Research Analyst, Financial Analysis and Risk Management Assc.
Sep 2017 - Present
- Educated over 100 members on the 2017 US economy through fundamental analysis (comparables, DCF, etc.) of over 40 publicly listed companies
- Reported on macroeconomic news in the *Finding Alpha* monthly letter to educate the budding finance community on global economic trends

Marketing Analyst, UW Finance Association
Sep 2017 - Present
- Increased member retention and traction by 20% through social media management
- Used Adobe Photoshop, Illustrator and InDesign to modernize marketing materials reaching over 1400 people on Facebook
- Hosted beginner personal finance workshops to educate over 320 students

Co-Founder, Computer Science and Finance Student Association
Sep 2017 - Present
- Created club to fill the lack of guidance and educational resources on the intersection between computer science and finance
- Organized guest speakers to present at weekly seminars to over 70 students on a variety of topics like algorithmic trading

VP Finance, UW Marketing Association
Sep 2017 - Present
- Managed club budget and created financial projections for events using Excel to reduce operating costs by 15%

Marketing Analyst, DMCI DECA
Sep 2016 - Jun 2017
- Collaborated with the marketing team of the Toronto Argonauts to create an innovative marketing plan that would rekindle Toronto's football culture
- Presented to industry professionals to winning 4th out of 400 competitors at DECA provincials and 5th out of 100 competitors at DECA Internationals