

# Benjamin Yu

Software Engineer

## about

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## programming

Golang

Python

Java

ES6/Typescript

React

## interests

machine learning

generative art

distance running

## education

### M.S in Computer Science

Georgia Institute of Technology

Specialization in Machine Learning

09/2020 - present

### B.A.Sc. in Engineering Science

University of Toronto

Major in Electrical and Computer Engineering

Thesis: Mobile Hearing Diagnostics

09/2008 - 04/2013

## experience

### Twitch

Software Development Engineer II

10/2018 - present

- Payments Team

- Launched Twitch Gift Cards as Tech Lead in 26 countries

- Helped build & launch a machine learning model that scored user's propensity for payments fraud

### Amazon

Software Development Engineer II

10/2017 - 10/2018

- Fulfillment by Amazon - Transportation Team

- Lead a year-long migration effort to re-architect multiple services from Oracle to DynamoDB

- Amazon Security Certifier

### Amazon

Software Development Engineer

10/2015 - 10/2017

- Fulfillment by Amazon - Transportation Team

- Launched Fedex and Ship with Amazon as inbound carriers for the Amazon Partnered Carrier Program

### Vantage Analytics

Software Developer

10/2014 - 10/2015

- Marketing Automation and Analytics as a Service for e-commerce

- Integrated our automated ad generation engine with Facebook Ads and Mailchimp

### Think Research Group

Junior Developer

09/2013 - 10/2014

- Lead development of an order requisition web portal using Angular and Play! Framework

- Launched a diagnostic form builder web extension

- Automated medical record data migrations from various legacy systems

## **AMD**

SOC Verification Intern

05/2011 - 08/2012

- Verification infrastructure and development of random testing methodologies for various chip IP's using Perl, C/C++ and SystemVerilog

## **Sunnybrook Health Sciences Center - Medical Imaging**

Developer/Research Assistant

05/2010 - 08/2010

- Conducted a study comparing reperfusion vs. recanalization as an indicator of clinical outcome for stroke patients

## **certifications**

### **Machine Learning - Tabular Data**

Amazon Machine Learning University - Internal

04/22/2019

- Built a boosted tree classifier for internal customer support requests

### **Programming with Google Go**

Coursera

11/28/2018

### **Amazon Internal Security Certifier**

Amazon

01/28/2018