

# Naz Khan

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Full stack web developer with a passion and hunger to learn. Tinkering with computers from a young age, I discovered programming at age 9 through A+ certification coursework, and wrote my first "Hello World" program using Visual Basic. With experience in Ruby, Rails, JavaScript-based programming and a background in banking, I bring strong skills in entrepreneurship, business operations, team-building and client relationship management that help dynamic organizations grow and thrive. Math nerd and poker enthusiast. I enjoy building and upgrading custom PCs when not coding. Currently holding FINRA Series 6 and 63 Investment licenses.

## Technical Skills

JS

Javascript



React



Ruby



Rails



Redux



HTML



CSS



Sass



Git



C

## Technical Projects

### Seven Deuce Offsuit Poker [github/demo](#)

A websockets based application that allows up to 6 people to connect into the same room, play Texas Hold'em Poker and chat

- Built using React.js as front-end, Ruby on Rails as back-end and DeckOfCardsAPI.com as an external API
- Learned and implemented Rails' ActionCable to integrate websockets to allow for real-time poker and chatting
- Wrote all poker hand-solving algorithms from scratch which determine the best 5-card hand and accommodate 2.6 Million hand-combinations
- Designed a system that converts results from hand-solving functions into points using card value/suite to compare player hands and declare winner
- Engineered game logic to include player positioning, and actions 'check', 'bet', 'raise', and 'fold'; app can manage edge case hand scenarios

### Expense Tracker [github/demo](#)

A personal e-check writer/ledger to track and manage your expenses

- Built using React.js front-end and Ruby on Rails back-end
- Implemented full CRUD functionality on resources such as expenses and deposits
- Incorporated Google's chart.js library to instantaneously update chart with new expense data

### Hunt n' Peck [github/demo](#)

A gamified and timed typing test that simultaneously measures your typing speed and accuracy

- Designed utilizing vanilla Javascript and MVC architecture
- Implemented jQuery and custom CSS to manipulate DOM elements to achieve correct and incorrect word highlighting
- Engineered algorithm to enable automatic scrolling through text while typing
- Incorporated Highcharts.js library to render real-time WPM on a line graph throughout typing session

## Experience

### The Common Core Tutors [CEO/Co-Founder](#) • [Flushing, NY](#)

Aug 2015 - Present

- Co-founded a private tutoring service company specialized in teaching Math and English and test prep skills to students grades 3-12; managed daily business operations and instructed private and group tutoring classes
- Created React/Rails based tool for employee timesheet management and student scheduling/attendance management; leveraged back-end Rails ActiveRecord associations to send parents texts/emails on student attendance data and payment reminders, using SMS Fu and ActionMailer Ruby gems
- Recruited and supervised a 7-person staff; arranged schedules, payroll, and weekly meetings

### J.P.Morgan Chase [Private Client Banker](#) • [New York, NY](#)

Aug 2011 - Dec 2016

- Developed/cultivated existing client base of 800+ high-net worth clients via Private Bank investment platform, delivering first-class service
- Collaborated with advisory team to perform comprehensive client needs assessment and design strategic financial plans, and presented 2 - 3 financial plan proposals a day to prospective clients
- Coached Personal Bankers and Relationship Bankers to identify and profile potential Private Clients to build a book of business
- Partnered with specialists (Business Relationship Managers, Mortgage Officers, Financial Advisors, Advisor Associates) to increase client wallet share

## Education

### Flatiron School

15-week immersive Full-Stack Software Engineering program with a 6% acceptance rate (2017)

New York, NY

### Harvard Extension School

CS50X - Introduction to Computer Science (2017)

Online

### Baruch College

Bachelor of Business Administration of Economics and Finance program (2006 - 2010)

New York, NY

### Bronx High School of Science

Top 10 ranked NYC Specialized public high school that only admits students through rigorous entrance exam (2002 - 2006)

Bronx, NY