

## Experience

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### Software Engineer (contractor) | SMARTSEED, LLC [2017 - Present]

#### Reward Club ([demo](#))

- Built a loyalty program on NextJS for two chicken wing restaurants in Queens, NY.
- Developed custom solution to allow mobile check-in and mitigate fraud; wrote cron-job via Google Cloud Functions to update display-tablet in real-time with randomly generated pin every 2 minutes.
- Service has grown to 4000+ users since its first version (PHP) deployed in 2017.

#### Smartseed Text ([demo](#))

- Built web-to-sms contact form on React for a roofing client as an alternative to email contact form.
- Improved website as lead generation tool by sending SMS directly to owner when lead comes in.
- Captured 205+ incoming requests for estimates since 2021; potential jobs ranged from \$5K for roof repairs to \$50K+ for new roof installation.

#### SMS Marketing Microservice ([demo](#))

- Designed sms marketing service for jewelry store; sends promotional text messages via Twilio API.
- Collected 8,000+ customer mobile numbers through a tablet-based opt-in form written in PHP.
- Wrote API endpoint to handle replies and opt-outs using Google Cloud Functions.

### Senior Documentation Negotiator | THOMSON REUTERS [2015 - 2016]

- Negotiated, designed, and prepared equity derivative contracts facing various investment firms.
- Led weekly strategic solutions meetings, presenting to senior trading and sales officers.

### Documentation Senior Associate | SOCIÉTÉ GÉNÉRALE [2014 - 2015]

- Owned all the post-trade contract disputes for 50+ US clients/funds.
- Reduced outstanding confirmations by 80%+ by migrating clients to Master Agreements.
- Successfully passed CFA Level 3, earning my designation as a CFA charterholder.

## Education

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#### UNIVERSITY OF THE PEOPLE

B.S. Computer Science [Expected Graduation: Dec 2024]

#### BLOOM INSTITUTE OF TECHNOLOGY

Full Stack Web Development and Computer Science [Nov 2020]

#### COLGATE UNIVERSITY

B.A. Political Science & Latin American Studies [May 2001]

## Technologies

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Frontend: React, NextJS, Redux, CSS/SASS/LESS, Tailwind

Backend: Node, Express, PostgreSQL, MongoDB, Firebase, Supabase

Languages: Javascript, TypeScript, Python, PHP