

# Zayadur Khan

Aspiring software engineer, web developer, and marketing coordinator.

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## EXPERIENCE

### iD Tech, New York University — *Instructor*

MARCH 2019 - JUNE 2020

- \$ Taught content creation and game development to various age groups.
- Algorithms, data structures, and game design using Java
- Live streaming on Twitch and video production on Adobe CC
- Recording for YouTube and video production on Adobe CC
- \$ Created assignments, projects, and rubrics to guide students in reinforcing their knowledge while keeping work engaging.
- \$ Organized team communication by setting up a Slack channel.

### Upper Echelon LLC, Remote — *Web Developer*

AUGUST 2018 - NOVEMBER 2021 (upperechelon.gg)

- \$ Built a website facilitating activity sharing, forums, and groups to emulate a social network for the community by building on top of the Invision Community platform.
- \$ Leveraged AWS for development environment (Cloud9, CloudWatch, S3, GitHub) and production environment (EC2, CM and KMS, Route53, S3, Lightsail).

### Swipe Card Game, Knoxville, TN — *Social Media*

FEBRUARY 2022 (swipecardgame.com)

- \$ Built a dynamically animated website based on wireframe and assets provided in Figma. Implemented a CMS for informative articles.
- \$ Used Figma to create a library of assets and templates to draft and export graphics for social media posts. Scheduled posts on Buffer.
- Organically engaged with prospects on Facebook, Instagram, TikTok, and Twitter.

## EDUCATION

### Bronx High School of Science — *HS Diploma*

SEPTEMBER 2010 - JUNE 2014

Relevant courses covered object-oriented programming using Java. Relevant courses included precalculus and electrical engineering.

### Syracuse University — *N/A*

AUGUST 2014 - MAY 2019

Relevant courses included Java, C, C++, Haskell, algorithms and data structures, automata and computability, operating systems, software specification, and systems programming. Relevant courses included calculus I, II, and linear algebra.

## SKILLS

Full stack web development  
AWS, Google Cloud, Azure  
AGILE project management  
MERN stack

## CERTIFICATIONS

Responsive Web Design -  
freeCodeCamp

## LANGUAGES

HTML / CSS / JS (expert)  
  
AWS / PHP / Git /  
Unix (skilled)

Java / C# (proficient)

C++ / Haskell (novice)

Samples: github.com/zayadur

## REFERENCES

Carlos Garcia Jr.  
(Director, iD Tech)  
- cgjr24@yahoo.com  
- (201) 983 7634

Chris Zakrzewski  
(CEO, Upper Echelon LLC)  
- czakrzewski1@yahoo.com  
- (603) 852 0300

Nick Shaffer  
(Founder, Swipe Card Game)  
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## PROJECTS

### Neo Politico — *portal for student publication*

The primary purpose of the website is to display and distribute articles and journals published by the organization.

Design follows conventional block-method, featuring a navigation menu, a small body, and a footer. Modals display the collections of articles and journals, as well as smaller modals to display meta information.

- GCP Cloud Storage was the ideal candidate for serving both the static files and the website.
- Bootstrap framework was used to allow for quick and easy development of the site, while implementing responsive design automatically.
- The DataTables jQuery plugin was the best solution to organize all the articles, while keeping logic off of the site.

Repo: <https://github.com/zayadur/neopolitico>

Demo: <https://zayadur.github.io/neopolitico/>

### Upper Echelon — *central site for online community*

Built a website facilitating activity sharing, discussion forums, and user-created groups to emulate a social network for the community by building on top of the Invision Community platform.

Used HTML, CSS, JS, PHP, and SQL to create new pages and functions for the website.

- [php & sql] Custom breadcrumbs in navigation for a more intuitive user-interface.
- [api] Created new pages for events and other company related ventures, pulling real-time data from Twitch API (follower counts, live status, embedded chat).
- [php & sql] Created a reactions system to allow users to react to content, a leaderboard to display top weekly posts based on reactions, and gamified forum activity.
- Implemented best practices for SEO in website metadata and keyword usage in news articles.

Gained DevOps experience by leveraging AWS for development environment (Cloud9, CloudWatch, S3, GitHub) and production environment (EC2, CM and KMS, Route53, S3, Lightsail).

Demo:

<https://web.archive.org/web/20180203175907/https://upperechelon.gg/>

### Swipe Card Game — *website for upcoming card game*

Set up a dynamic website to showcase the product, based on Figma wireframes and prototypes. Website is still under development. Dynamic features:

- [css & js] Various animation triggers when elements enter viewport
- [vanilla js] Header with minigame to track favorable card combinations

Features: <https://github.com/zayadur/com.swipecardgame>

Demos: <https://www.swipecardgame.com/> (main) &

<https://swipecardgame.webflow.io> (dev)