

## TECHNICAL SKILLS

**Strong:** JavaScript (ES6+), TypeScript, Java, React, React Hooks, NodeJs/ExpressJs, XMPP, WebSockets, SQL(MYSQL, PostgreSQL), NoSQL (DynamoDB, MongoDB), OAuth, REST API, Version Control (Git), HTML5, CSS3, Babel, CSS/SASS, ChakraUI, MaterialUI, Storybook, NextJS, UI/UX  
**Experienced:** Kubernetes, Docker, D3Js, ThreeJS, TDD(Mocha/Jest/Enzyme), Gulp, Java Spark, Hibernate, Redux, Python, C#, Go, C++, jQuery, Webpack, React Native, ElectronJS, GraphQL, WASM, Figma, WordPress, Photoshop/Illustrator/Blender, AWS, Agile

## Experience

### Chingu.io | Developer & Facilitator | Open Source

current

- Design and develop an experimental & serverless platform functionality using NextJs, Prisma, React-Query.
- Design and develop Figma mocks, React Components, PSQL tables, develop serverless API routes, test NextJs 12 latest middleware.
- Coordinate weekly sprints and meetings.
- Maintain deploys of the database & NextJs application, support & guide team through the arising problems.
- Onboard new chingu members, check/approve project submissions, answer general chat inquiries about the program or issues on discord.

### YianYian, LLC | Software Engineer, Remote, Contract

2020 - 2021

- Leveraged ReactJs component based architecture to reduce development and maintenance time with reusable code
- Designed and build global state management for server side data in React using hooks.
- Utilized Docker to containerize a React application, NodeJs server and PostgreSQL database for rapid mock deployments on a local Kubernetes cluster with Minikube to visualize and test various pod states while reducing system overhead
- Built a web-scraper that gathers data from Craigslist, Google, Zillow using NodeJs
- Built an api wrapper using NodeJs to automate searches made by the company about USPTO patent filings

### Research Foundation CUNY | Research Assistant

2019 - 2020

- Worked on a web based speech recognition game for research in human speech intelligibility under presence of noise by employing crowdsourcing techniques to gather user inputs to train ASR models with a focus on human-important cues
- Leveraged an embedded Jetty server to build as an API with static Java Spark methods to configure endpoints utilizing various controllers responsible for setting up game configurations, updating user information, and uploading static assets
- Utilized EaselJS's retained graphics mode to layer blurs over clear spectrograms using its built-in blur filters for display on an HTML5 Canvas, leveraging stage event listeners to build an elliptical cursor which can be used to reveal speech
- Designed MySQL tables to normalize and persist audio task data using composite keys to reduce data redundancy
- Built an administrative interface that authorizes admin accounts with AWS SDK functionality for file uploads to S3
- Built an interface that makes it easy to browse through the research pictures and sounds which are hosted on a local uni server

### Appen | Web/Media Evaluator Remote

2017 - 2018

- Write reviews on user searches, analyze ad metrics, tell if ads are effective or not, provide data for AI systems to train on

### Turkish Kitchen | Waiter - Chinar Restaurant | Manager

2016 - 2019

- Customer service / Billing / Hiring / Bookkeeping

### Sound Plus Entertainment | Media Producer

2014 - 2016

- Working with media editing software, including FinalCut Pro, Ableton, Aperture, Photoshop and Motion
- Managing website and marketing materials in WordPress

## Projects

### Pure | Browser Extension for managing opened tabs

2018 Hackathon 3rd place

- Utilized JavaScript native tabs API to build a cross-browser extension for managing opened tabs

### Personal Blog | My personal blog built with React

- Working on making my "digital garden"

### Other | Various things I've done in the college

- Trained a recurrent neural network on midi data to produce music in Python
- Wrote an arcade game using Unity and C#
- Bulldog Buckets - built a django-react-postgres full-stack reddit like blog site for BC college students with a team of 10 other students

## Education

Brooklyn College, CUNY | B.S. Computer Science / Multimedia Computing

2016 - 2020

Franklin D. Roosevelt HS - Advanced Math Diploma, Brooklyn, NY,

2016

**Certifications:** Epic React by Kent. D. Dodds, Just Javascript by Dan Abramov, Chingu Voyage Developer Program

## **Interests**

Gizz verse fan, writing poetry & just jamming with friends, riding my bike, spontaneous travel, "philosophize this", exploring NYC Jazz scene

## **Languages**

- Fluent in English, Russian, Ukrainian