MICHAL JEZ

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Skills

LANGUAGES

JavaScript
TypeScript
Java
C++
Python
C#
Scala
C
Bash
Ruby

TOOLS AND FRAMEWORKS

React
GraphQL
Node.js
Git
Unity3D
MySQL
MongoDB
Angular
Django
Svelte.js

Activities

Hackathons
- Hack the North
- MasseyHacks
- McHacks
- Deltahacks
- Hack the 6ix

Ping pong

Hockey

Cooking

Weightlifting

Experience

A Thinking Ape · Software Development Intern — May/'20 - Aug./'20
- Led the development for the revamp of an underused Kingdoms of Heckfire feature to increase player value and monetization potential that received >90% positive feedback from players
- Made numerous game UI changes to improve the player experience in Unity3D and C# along with the accompanying backend changes using Django, Python and MySQL
- Built a framework to tracks metrics related to encoding/decoding payloads between microservices using Python and Graphite
- Integrated and experimented with various Python serialization algorithms to minimize server response times

Faire · Frontend Developer Intern — Sep./'19 - Dec./'19
- Implemented functionality for retailers to personalize items in their shopping carts - one of the most requested features on the platform - using TypeScript, React and Styled Components
- Developed a drag-and-drop email template builder for over 8,000 makers to easily build emails to send to their customers using GrapesJS
- Created a homepage banner with call-to-actions that guided users to key parts of the site which achieved a 10% click-through-rate

Shopify · Backend Developer Intern — Jan./'19 - Apr./'19
- Built a new GraphQL API in Ruby to power discount creation for over 800,000 merchants
- Designed the API with a simpler schema compared to existing solutions, being used to handle over 1.5M requests per week from more than 70 third-party apps
- Created a chrome extension to provide definitions for over 200 Shopify-specific terms accelerating onboarding for new hires

Hack the North · Frontend Team Lead — Feb./'18 - Dec./'19
- Managed a team of 3 developers to create hackthenorth.com, which received over 3M monthly page views, using TypeScript, React and Styled Components
- Created North, a reusable and themeable React component library written in TypeScript, to reduce code duplication and style inconsistencies across multiple codebases
- Engineered a single-sign-on platform to authenticate users for all Hack the North applications
- Built a web app for scanning attendee badge QR codes used by over 200 volunteers to perform over 11,000 scans in 3 days
- Developed and documented a cross-platform JavaScript SDK for over 120 backend endpoints

Nest Wealth · Software Development Intern — May/'18 - Aug./'18
- Built an internal tool for viewing API request errors using Node.js, MySQL and Angular 6 which reduced discovery time from minutes to seconds
- Developed a query parser in JavaScript to convert a JSON query schema into executable SQL accessible from an Express.js API

Projects

Boxer — Feb./'20 - May/'20
- Built a chrome extension that augments the search bar with custom keyword aliases to a user's favorite sites expediting web browsing
- Designed and implemented an accessible user interface to manage aliases using svelte.js
- Created ease-of-use features such as suggesting aliases from frequent sites in a user's web history to facilitate getting started using TypeScript

Education

University of Waterloo
Candidate for Bachelor of Software Engineering Class of 2022
Cumulative 88% average