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
Express.js
Git
Unity3D
MySQL
MongoDB
Angular

Activities

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

Ping pong

Hockey

Guitar

Weightlifting

Experience

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
- Wrote an end-to-end test suite using Cypress and Cucumber that caught multiple frontend and backend regressions

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 allowing faster onboarding for new hires

Hack the North · Frontend Team Lead
Jan./19 - Present
- Managed a team of 3 developers to create hackthenorth.com, which received over 23,000 monthly unique visitors, using TypeScript, React and Styled Components
- Created North, a reusable, themeable React component library written in TypeScript, to reduce code duplication and style inconsistencies across multiple codebases
- Engineered auth.hackthenorth.com, a single-sign-on platform to authenticate users for all Hack the North web 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

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 as well as exposing an API with Express.js
- Designed a simple UI to create complex search queries along with an interactive interface to explore search results
- Rebuilt the angular.js admin site to a more modular and performant Angular 6 codebase

Hack the North · Frontend Developer
Feb./18 - Dec./18
- Built and fully documented a cross-platform JavaScript SDK for over 120 backend API endpoints
- Developed the majority of hackthenorth.com using React.js and GatsbyJS which has achieved over 2.8M monthly page views
- Architected and oversaw the creation of live.hackthenorth.com - the PWA used by over 1,000 hackers at the event
- Created the hacker portal used by over 7,000 hackers to apply to the event

Projects

React-For
Nov./18 - Jan./19
- Built React components for using JavaScript looping constructs with JSX syntax
- Published the package to npm achieving over 600 downloads to date
- Added unit tests using mocha and enzyme to prevent regressions

Education

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