DAVID OLIVE

🌐 DAVIDOLIVE.ME

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WORK EXPERIENCE

Frontend Architect
Locnest | May 2020 - Aug 2020

- **Designed** reusable and customizable front-end component library by leveraging storybook, monorepos and **atomic design principles**
- **Optimized SEO** by leveraging Gatsby.js and developing seo-friendly multi-language support
- Practiced **cost-orientated design** by implemented various rate-limiting methods on certain third-party API calls

Undergraduate Research Assistant
University of Waterloo | Jan 2020 - Apr 2020

- **Identified product requirements, timeline and priorities** in order to meet user testing deadline
- Collaborated with two other students to work on **integerating machine learning models** developed by PhD students

Full-Stack Developer
IBM | Sept 2019 - Dec 2019

- Optimized and developed Node.js/Express endpoint for UI analytics with **1,000,000+ daily calls**
- **Reduced overhead for creating discount/vip links** by creating internal tool which handled json generation
- Leveraged **Github API** to automate issue labeling

QA Software Developer
Imagine Communications | Jan 2019 - Apr 2019

- **Slashed manual test overhead by 80%** by developing Selenium and Node.js powered automated testing
- Planned out **20+ test cases** to ensure near 100% project coverage
- Analyzed overhead involved in introducing new testing frameworks

PROJECTS

IT Chatbot
React.js, Node.js, Watson Assistant | 2020 | www.davidolive.me

- Chatbot intended to optimize customer service

Component Library
React.js, Storybook, TypeScript | 2020 | www.davidolive.me

- To allow for consistent brand styling and quicker development

Project Manager (Career Fair)
Waterloo Engineering Society | 2020 |

- Led team of 3 directors to handle budgeting, advertising, pricing and time frame of annual Career Fair, doubled employer attendance

SKILLS

- Reusable/Scalable Architecture
- Component Libraries
- Express API's/Microservices
- Analytics (Segment/New Relic/App Insights)
- Project Management

LANGUAGES

- Javascript & TypeScript
- Node.js
- HTML/CSS
- SQL
- C++, Python

FRAMEWORKS

- React.js
- Gatsby.js
- Express.js
- Storybook

SERVICES

- IBM Cloud Functions
- Azure App Insights
- Amplitude, New Relic
- Github, Teams, Slack
- SendGrid
- Postman
- Jira, Confluence

EDUCATION

Systems Design Engineering | University of Waterloo | B.AS
2018 - 2023

- **3.7/4.0 GPA**
- **Awards:** Presidents Award, President's Scholarship of Distinction, President's Research Award