XANDER
MOFFATT

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xandroxygen.github.io

EDUCATION

Bachelor of Science - Computer Science

Brigham Young University
Provo, Utah

Grad: April 2019 | GPA: 3.79 | ACT: 34
Minor: Music | Member: ACM
Preferred Language: Javascript

SUMMARY

Canadian-born, green-card-possessing problem solver. I enjoy working above expectations and I can connect, manage, and synthesize everything thrown at me. I'm hard-working, versatile, a quick study, and I can work as part of a larger whole. Check out more about me at xandroxygen.github.io

EXPERIENCE

DevOps Intern | Lingotek
Mesos, *Marathon*, *Vue*, *NodeJS*, *AWS*
December 2017 - present

Empowering development teams with new applications for internal monitoring. Making it easier to check on app health, balance containers, and deploy with a single click.

Software Engineer Intern | Instructure
NodeJS, *AWS (S3, Dynamo)*, *Elasticsearch*, *Ruby*
April 2017 - August 2017

As a tight-knit team, identified and extracted microservices from previously monolithic software, including a lightning-fast address book and a smart S3-based filesystem.

Contributed to code that provides a 15x speed increase to Canvas address book users.

Student Developer | BYU Learning Suite
Backbone, *Material Design*, *Laravel*, *PHP*
April 2016 - April 2017

Personally tasked to rebuild BYU's flashcard website from scratch, decreasing manager workload and increasing user satisfaction.

PROJECTS | github.com/xandroxygen

SKILLS

Fully invested in ES2017+, experienced in Node and Backbone, exploring React and Vue.

Automating workflow with tools like Docker Compose, Webpack, and Terraform.

Front-end visuals like HTML, Handlebars, JSX, and SCSS.

Exploring mobile dev like Android, iOS with Swift, and React Native.

Engaged in all stages of the development life cycle, from design to rollout.

I monitor my weak spots and bring them to the next level.

GPA calculator(s)
Swift | Elm | JS

These are my slightly more complicated versions of "Hello World" for learning a language. Pick your flavor - iOS with Swift, a web app with Elm, or old-school Javascript and PHP.

Simple text parser (microparsec)

Inspired by Todoist's Quick Add functionality, this simple parser looks for keywords in text and plucks them out. Used for a very basic Natural Language Processor.

Registration tracker for organists

This is my current project, building a mobile app for organists to track their combinations of sounds when playing. It's built using React Native and Native Base.