XANDER
MOFFATT

385 290 7346 +
xander.moffatt@gmail.com ✉
www.linkedin.com/in/xander-moffatt (in)
xandermoffatt.com ☁

EXPERIENCE

Software Engineer Intern | Instructure
Summer 2017, Summer 2018 - present

Started, finished, and deployed a service that fundamentally changes the way Canvas handles files. Built a Kinesis/Lambda stream that collects data from every request at scale. Removed dead Canvas file uploading code and consolidated several code paths into one.

Polished a service that delivered a 15x speed boost for address book searching using an ElasticSearch index, powered by a Kinesis/Lambda stream.

DevOps Intern | Lingotek
December 2017 - May 2018

Designed, built, and released an internal replacement for the deprecated Marathon web UI that reduced a 5-step deployment process to 1 click and gave devs the power to deploy their own code.

Student Developer | BYU Learning Suite
April 2016 - April 2017

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

EDUCATION

Bachelor of Science - Computer Science
Dec 2019 | Brigham Young University

3.81 GPA. Minor in Music (Organ, Voice). President of the 180-strong Men's Chorus.

SKILLS

Languages

Javascript (ES2017+), HTML/CSS, Python, Ruby, Java, SQL, Elm

Tools and Frameworks

Node, Vue, Terraform, AWS (S3, Dynamo, Kinesis, Lambda), Git, Unix + Linux, Docker Compose, Mesos + Marathon, Webpack, React, Backbone, Jekyll, Numpy

PROJECTS
github.com/xandroxygen

Khronos

Working part-time means I'm not always available in Slack. This simple app updates my Slack status on a schedule to let my team know where I am and what I'm doing. Still in progress!

microparsec

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

PandaPom

A simple productivity timer that keeps me on track during the day using the Pomodoro technique. Built during hackweek, using Vue, Bulma, and Nuxt for easy static site deployment.

GPA Calculators

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.

xandermoffatt.com

A clean, simple website built in one page. It uses Jekyll for an easy build process and the styling is hand-crafted.