

XANDER MOFFATT

385 290 7346
xander.moffatt@gmail.com
www.linkedin.com/in/xander-moffatt

EXPERIENCE

Software Engineer | Instructure *August 2019 - Present*

Taking responsibility for a key piece of Canvas infrastructure that delivers millions of user events for analytics and logging. Enabling this system to expand to 10x more consumers with ease, which will let dependent products shine.

Software Engineer Intern | Microsoft *Summer 2019*

Finished and rolled out one of the most requested features for the Whiteboard app: providing the ability to resize objects on the board without unwanted rotation. Visible on any Surface Hub in any Microsoft store.

Software Engineer Intern | Instructure *Summer 2017, May 2018 - May 2019*

Contributed from start to finish of a new service that provides secure and easy access to user-uploaded files, storing and delivering petabytes of data to millions of users.

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.

EDUCATION

Bachelor of Science | Computer Science *Dec 2019 | Brigham Young University* 3.82 GPA | Minor in Music '18-'19 President of the 180-strong Men's Chorus.

PROJECTS

github.com/xandroxygen

elysium

Replicates the functionality of Instructure's deployment tools, but for AWS Lambda functions. A simple Ruby command-line app that's saved my team hours of work and greatly simplified our deploy process.

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.

xandermoffatt.com

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

SKILLS

Javascript (ES2017+), Node, AWS (Lambda, DynamoDB), Docker, Docker Compose, Terraform, React, Ruby, Git CLI, Vue, Go, AWS S3, LTI Standard, Python, Numpy, C#, HTML, CSS

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