

THOMAS MONFRE

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EDUCATION

Dartmouth College, Hanover, NH

June 2021

Bachelor of Arts. Major: Computer Science, Minor: Quantitative Social Science

GPA 3.91

Relevant coursework in full-stack web development, software design/implementation, data structures/algorithms, database systems, mobile development, security/privacy, statistics, and data science.

Honors: Academic Honor List, James O. Freedman Presidential Scholar, Merit Citation CS 52: Full Stack Web Development

EXPERIENCE

Palantir Technologies, New York, NY

March 2022 – Present

Forward Deployed Engineer

- Forward Deployed Engineer at Palantir working on suite of products for US Government customers.
- Engage with team and client stakeholders to deliver high quality software.

Disney Streaming Services, New York, NY (Remote)

June 2020 – August 2020

Software Engineering Intern

- Software engineering intern on the Disney+ Web team.
- Contributed to feature development on the Disney+ web application. Assisted the commerce/onboarding and main app teams, working on UI development and integration with backend services.
- Worked under critical release deadlines to deliver key features to Disney+, including Premiere Access and Group Watch.
- Built an internal dashboard for managing UI dictionary versions for the Disney+ and ESPN+ web client applications.

Disney Streaming Services, San Francisco, CA

September 2019 – December 2019

Software Engineering Intern

- Software engineering intern on the Connected Devices – Native Client Platform team.
- Built a test harness app to assist development of the video player for the Disney+ and ESPN+ native client applications.
- Built internal developer tools with C# and the .NET Core Framework allowing users to create and manage native client projects from the command line.
- Supported the Browser-Based Devices team with pre-launch testing and support of the Disney+ video player.

Dartmouth Applied Learning and Innovation (DALI) Lab, Hanover, NH

September 2018 - Present

Full Stack Software Engineer & Development Lead

- Develop full stack web apps and mobile apps in this paid experiential learning lab at Dartmouth.
- Lab-wide development lead: oversee development process for the entire lab, support new member learning and growth, run initiatives to improve code quality, CI/CD processes, and best practices.
- Lab-wide partner relations lead (junior year): assisted with project sourcing and onboarding.

PROJECTS

Pine Beetle Prediction: <https://spbpredict.com>

Tool for visualizing and predicting movements of an invasive species impacting east-cost forests. Built in the DALI Lab partnering with the US Forest Service and Dartmouth Biology professors.

6AM Health: App Store: <http://tiny.cc/6amhealth>, Web: <https://order.6amhealth.com>

Mobile and web applications for ordering fresh food to Internet-connected fridges throughout the Boston area. Built in the DALI Lab partnering with a Boston-based start-up.

Zoom CLI: <https://thomasmonfre.com/zoom>

Command line tool for saving and launching Zoom meetings. Built because I needed it, and open source to share with the world.

PROGRAMMING LANGUAGES/Frameworks

Advanced: JavaScript, React, React Native, Express.js, Redux

Experienced: TypeScript, MySQL, MongoDB, Python, Java, C#/.NET, C, Bash, R

SKILLS

Have experience building applications for various stakeholders with changing and challenging requirements.

Have experience contributing to large software engineering projects.

Strong communication skills. Experienced working in fast-paced environments. Eager to continuously learn and be challenged.