THOMAS MONFRE

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EDUCATION

Dartmouth College, Hanover, NH   **EXPECTED 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

Bay Port High School, Green Bay, WI   **June 2017**
AP Scholar with Distinction, National Merit Scholarship Finalist, Class President   GPA: 4.38

EXPERIENCE

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 time constraints to help 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 in testing and launching Disney+.

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.

Dartmouth College Department of Computer Science, Hanover, NH   **March 2018 – June 2020**
Computer Science Teaching Assistant
- Teaching assistant multiple semesters for CS52 (full-stack web development) and CS1 (introductory course).
- Teach weekly lab sections, hold office hours, and grade assignments/exams.

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 vending machines throughout the Boston area. Built in the DALI Lab partnering with a Boston-based start-up.

PROGRAMMING LANGUAGES/FRAMEWORKS

Advanced: JavaScript, React, React Native, Express.js, Redux
Experienced: Java, Python, C#/.NET, C, Bash, MySQL, MongoDB, TypeScript, Next.js, R

SKILLS

Have experience building applications for various stakeholders with changing requirements and desires.
Have experience contributing to large software engineering projects.
Strong communication skills. Experienced working in fast-paced environments. Eager to learn new things and be challenged.