

Patrick Murphy

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🐙 github.com/patlm

EDUCATION

University of Nebraska-Lincoln | GPA: 3.96

B.Sc. in Software Engineering; Minors in Business and Mathematics

May 2022 Expected Graduation

Honors:

- Member of the Jeffrey S. Raikes School of Computer Science and Management
A highly selective interdisciplinary honors program focused on the crossroads of computer science and business emphasizing industry experience and leadership
- Regent's Scholarship Recipient
- Dean's List: Academic years 2018-19, 2019-20, and 2020-21

Activities:

- Honors Ambassadors, Raikes School Ambassadors, Raikes School Student Advisory Board

EXPERIENCE

Box

Software Engineering Intern | Redwood City, CA (Remote)

May 2021 – August 2021

- Designed and implemented a GraphQL domain for Box's notification center service to sit between the existing REST API and its clients using technology based on Apollo Server and Hapi in JavaScript
- Collaborated with engineers to determine best-practice patterns for Box's GraphQL initiative as it is expanded

University of Nebraska-Lincoln

Undergraduate Teaching Assistant | Lincoln, NE

August 2020 – May 2021

- Fall 2020: Graded, provided feedback, and hosted office hours to assist ~40 students in introductory CS course
- Spring 2021: Graded, designed labs, and mentored teams for a team project-based software engineering course

Nelnet

Software Engineering Intern | Lincoln, NE (Remote)

May 2020 – January 2021

- Developer on a FACTS (factsmgt.com) product team
- Completed feature-driven and client-requested changes to C# .NET Web API and Angular front-end
- Increased test coverage by approximately 15% for Angular based front-end services and components

CSG Systems International

Software Development Intern | Omaha, NE

June 2019 – August 2019

- Migrated automated jobs to Ruby version-controlled code representing Rundeck jobs

Horizontal Boring & Tunneling

Application Developer | Exeter, NE & Remote

May 2018 – Present

- Created and currently maintain internal company Android application used by over 80 employees

PROJECTS

Cue: A Queue App | React, Firebase, Bootstrap, CSS | *Placed 2nd/21 at CornHacks 2021*

- Web app allowing TAs to intuitively manage the queue of students with questions during TA office hours

Favor | Angular, Firebase, SCSS, Google Maps API | *Placed 3rd/20 at CornHacks 2020*

- A way to connect students in the right place at the right time to help their peers in need

Cashister: A Cash Register App | Swift, Xcode, iPad App Store

- App with 1,000+ downloads allowing concession stands to efficiently fulfill and make change for orders

SKILLS

Proficient: Java, JavaScript, Node.js, GraphQL

Experienced: C#, Kotlin, Git, React, Angular, HTML/CSS

Intermediate: TypeScript, Python, Swift, SQL

Basic: C, Entity Framework, MongoDB