Patrick Murphy

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EXPERIENCE

Box
Software Engineer | Redwood City, CA *Aug 2022 – Present*
- Developed and maintained front-end features (React) and back-end components (PHP, Java, Node) for the core web app, serving millions of daily active users
- Shipped full-stack solution enabling compliance for high-value financial services accounts, meeting critical deadline
- Enhanced front-end observability by expanding instrumentation and leading evaluation of a real user monitoring tool

Design Studio / Hudl
Development Manager | Lincoln, NE *Aug 2021 – May 2022*
- Led technical development of React Native app enabling athletes to create highlight videos in recruiter-friendly format
- Configured project setup (e.g. linting, testing, and pipelines), unblocked developers, and prioritized tasks with PM

Box
Software Engineering Intern | Redwood City, CA (Remote) *May 2021 – Aug 2021*
- Engineered GraphQL domain for a notification center service, streamlining queries and enabling future scalability

University of Nebraska-Lincoln
Undergraduate Teaching Assistant | Lincoln, NE *Aug 2020 – May 2021*
- Fall 2020: Hosted office hours, provided feedback, and graded to support ~40 students in introductory CS course
- Spring 2021: Mentored 6 teams of ~5, designed labs, and graded for project-based software engineering course

Nelnet
Software Engineering Intern | Lincoln, NE (Remote) *May 2020 – Jan 2021*
- Completed feature-driven and client-requested changes to C# .NET Web API and Angular front-end
- Increased test coverage ~15% for Angular based front-end services and components

CSG Systems International
Software Development Intern | Omaha, NE *Jun 2019 – Aug 2019*
- Reduced release complexity by migrating legacy automations to Ruby version-controlled Rundeck jobs

Horizontal Boring & Tunneling
Application Developer | Exeter, NE & Remote *May 2018 – Aug 2022*
- Created and maintain internal company Android application that is used by 100+ field employees
- Automated contact updates and digitalized field workflows improving collaboration and eliminating mail wait time

PROJECTS

Cashister: Native iOS cash register app designed to increase concessions efficiency with 1,000+ downloads (Since 2017)

Chess Bot: Python bot with minimax-based algorithm built for 7-day challenge (7th/29 Pinata Chess Challenge 2024)

Cue: Web app for intuitively managing student question queue during TA office hours (2nd/21 CornHacks 2021)

Favor: Web app enabling students to help or be helped while accomplishing everyday errands (3rd/20 CornHacks 2020)

SKILLS

Proficient: JavaScript, React, TypeScript   **Experienced:** Angular, HTML/CSS, Java, Jenkins, Kotlin, PHP
Intermediate: C#, Python, SQL, Swift

EDUCATION

University of Nebraska-Lincoln | GPA: 3.97 | Highest Distinction
B.Sc. in Software Engineering; Minors in Business and Mathematics *Aug 2018 – May 2022*

Honors: Jeffrey S. Raikes School of Computer Science and Management Honors Program, Regent's Scholar, Dean's List
Activities: Raikes School Student Advisory Board, Honors Ambassadors, CornHacks Planning Committee