# Patrick Murphy

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⭘ github.com/patlm

## Education

**University of Nebraska-Lincoln** (Lincoln, NE) | May 2022 Expected Graduation
**Jeffrey S. Raikes School of Computer Science and Management**
Major: Software Engineering | Minor: Business

**Relevant Coursework:**
Fall 2018: Honors Computer Problem Solving Essentials (Java), Innovation Processes, Calculus II
Spring 2019: Honors Software Development Essentials (Java, SQL, and C), Calculus III

**Exeter-Milligan High School** (Exeter, NE) | 2018 Graduate
• GPA: 4.0 / 4.0        • Class Rank: 1 / 17

## Experience

**Horizontal Boring and Tunneling Co.** (Exeter, NE) | 2015-2018
Application Developer (May 2018 – August 2018)
• Created and assisted in designing internal company Android application utilizing Kotlin and Android Studio
• Accessed data for application through company's web system API
• The application will be used by approximately 60 employees (project managers, foreman, and crew members) to access company's phone directory, submit receipts, view equipment manuals, view equipment information, and view information about jobs
IT Assistant (May 2015 – April 2018)
• Updated intranet website content utilizing HTML and CSS
• Experimented with using Flutter and Dart to create multi-platform internal company mobile app
• Completed various office tasks allowing other team members to focus on main work

## Projects

**Class-Learn** | JavaScript (Node.js), MongoDB, HTML, CSS
Building open source learning platform optimized for both the student and teacher by providing the flexibility to organize the class page through a timeline layout or as groups of assignments
**Cashister: A Cash Register App** | Swift, Xcode
Recognized challenges in working high school concession stand and created iOS app solution available on the App Store that allows workers to more efficiently fulfill and make change for large orders freeing up valuable time during the busiest parts of the event

## Skills

**Intermediate:** Java, Kotlin, HTML, CSS
**Basic:** Git, Swift, Python, Node.js, JavaScript

## Activities

**University of Nebraska-Lincoln**
• UNL Robotic Club: Engineering Student Advisory Board Representative (2018-Present)
• Computer Science and Engineering Ambassadors (2018-Present)

**Exeter-Milligan High School**
• Computer Programming Club: Founder (2017-18)
• Student Council (2016-2018): President (2017-18)
• Quiz Bowl (2014-2018): Co-Captain (2016-18)
• Band (2014-2018): Vice President (2017-18), Secretary/Treasurer (2016-17)
• National Honor Society (2016-2018)
• Basketball (2014-2018): Co-Captain (2015-18)
• Track (2014-2018)
• 4-H (2008-2018)