Patrick Murphy

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github.com/patlm

EXPERIENCE

University of Nebraska-Lincoln – Teaching Assistant – Lincoln, NE   *August 2020 – Present*
  • Teaching assistant for Raikes School introductory computer science course

Nelnet – Pathways Program Technology Intern – Lincoln, NE / Remote   *August 2020 – Present*
  • Continuation of summer software engineering internship

Nelnet – Software Engineering Intern – Lincoln, NE / Remote   *May 2020 – August 2020*
  • Developer on a FACTS (factsmgt.com) product team
  • Completed feature-driven changes to C# ASP.NET Web API and client-requested updates
    to Angular and ASPX website pages
  • Increased test coverage of Angular based front-end services and components

CSG Systems International – Software Development Intern – Omaha, NE   *June 2019 – August 2019*
  • Developer on team practicing agile methodologies and Gitflow Workflow
  • Migrated automated jobs to Ruby version-controlled code representing Rundeck jobs

Horizontal Boring & Tunneling – Application Developer – Exeter, NE / Remote   *May 2018 – Present*
  • Created internal company Android application utilizing Kotlin, Android Studio, and company's API
  • Used by approximately 80 employees (project managers, foreman, and crew members)

PROJECTS

Favor (3ʳᵈ out of 20 teams at CornHacks 2020) | Angular, Firebase, SCSS, Google Maps API
  • A way to connect students in the right place at the right time to help their peers in need
  • Worked as a team of three to develop idea and mobile first web application

Cashister: A Cash Register App | Swift, Xcode, iPad App Store
  • iPad app with 800+ downloads allowing concession stand workers to more efficiently fulfill and make
    change for orders

SKILLS

Experienced: Java, C#, JavaScript, Angular, Git, HTML
Intermediate: Python, Kotlin, Swift, R, SQL, CSS
Basic: Entity Framework, Node.js, MongoDB, Ruby, PowerShell, Rundeck

EDUCATION

University of Nebraska-Lincoln | GPA: 3.95   *May 2022 Expected Graduation*
  • Major: Software Engineering   • Minors: Business, Mathematics
  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: Fall 2018, Spring 2019, Fall 2019, Spring 2020
  Relevant Coursework Completed:
    • Data Structures & Algorithms, Computer Organization, Programming Language Concepts,
      Software Engineering, Statistics, Linear Algebra, Machine Learning, Innovation Processes
  Relevant Coursework Completed by Summer 2021:
    • Design Studio, Human-Computer Interaction, Data Modeling, Software Testing & Analysis
  Activities:
    • Honors Ambassadors   *(Spring 2020 – Present)*
    • Raikes School Ambassadors   *(Fall 2018 – Present)*
    • Raikes School Peer Mentor   *(Fall 2019 – Spring 2020)*