

Luke K. Patterson

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Education

John Carroll University

B.S. Computer Science

Cumulative GPA: 3.72/4.0

Awards: Dean's List: 4 Years, Academic Achievement in Computer Science

Relevant Coursework: Advanced Programming, Operating Systems, Mobile Technologies, Design Patterns, Object-Oriented Design & Programming, Models of Computation, Network Programming, Big Data Analysis, Database Systems, Advanced Web Design, Software Development Practices, Game Design & Programming, Software Engineering Project, Technical Writing

University Heights, Ohio

May 2018

Certified Professional Scrum Master I | [Scrum.org](https://www.scrum.org)

Work Experience

Hyland Software Inc.

Software Developer | Hybrid Platform Team

Westlake, Ohio

June 2018 - Present

- Developed software on an international mobile development team that practices the Scrum framework to develop technologies to empower Web Applications to leverage the native capabilities of iOS and Android devices
- Implemented a hybrid web interface layer to send and receive communication between webviews and native mobile devices
- Released mobile applications that leverage modern technologies such as Face ID on iOS to over 20,000 lifetime customers

Hyland Software Inc.

Scrum Master | Hybrid Platform Team

Westlake, Ohio

March 2019 - Present

- Lead daily stand-ups and scrum ceremonies
- Improved team velocity by working with Product Owners to groom and prioritize the backlog of work
- Reduced time to complete issues by tracking work and facilitating communication among teams within Hyland

Hyland Software Inc.

Software Development Intern | Mobile Team

Westlake, Ohio

Summer 2016 & 2017

- Developed a native iPad application for the Cleveland Metroparks Zoo
- Implemented Force Touch features on an existing iOS application used by thousands of customers
- Lead research for hybrid mobile app development as a potential new strategy for Hyland

John Carroll University

Lab Assistant & Computer Science Tutor | Math & Computer Science Department

University Heights, Ohio

August 2016 - May 2017

- Guided a class of approximately twenty students in the Intro to Software Application Development course
- Privately tutored Computer Science students four nights per week

Volunteer & Independent Projects

Cleveland GiveCamp

Volunteer | Developer

Cleveland, Ohio

July 2017 & July 2018

- Built two websites for nonprofit organizations in the Greater Cleveland area
- <https://thevalentineproject.org/> & <http://www.lakefreeclinic.org/>

What's In The Caf?

Developer | iOS Application - <https://itunes.apple.com/us/app/whats-in-the-caf/id1036491151?mt=8>

- iOS application for John Carroll students to access the menu for the dining hall and provide feedback to dining staff
- Over 4,800 downloads

Portfolio Website - lukenneth.com

- Visit my portfolio page for more projects and screenshots/demos of those projects

Skills & Interests

Proficient in Java; **experienced** with C#, Javascript/Typescript, Objective-C, Swift, Dart, Python, HTML, CSS; **familiar** with R, SQL

Tools used: Git, Xcode, Android Studio, Visual Studio Code, Eclipse, Visual Studio, Unity3D, Blender, Amazon Web Services, Photoshop, Microsoft Office Suite

Interested in: Mobile App Development, Music, Brazilian Jiu Jitsu