

# 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.

*Developer 2 | Hybrid Platform Team*

- 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

Westlake, Ohio

June 2018

### Hyland Software Inc.

*Scrum Master | Hybrid Platform Team*

- 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

Westlake, Ohio

March 2019 - Present

### Hyland Software Inc.

*Software Development Intern | Mobile Team*

- 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

Westlake, Ohio

Summer 2016 & 2017

### John Carroll University

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

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

University Heights, Ohio

August 2016 - May 2017

## Volunteer & Independent Projects

### Cleveland GiveCamp

*Volunteer | Developer*

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

Cleveland, Ohio

July 2017 & July 2018

### 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 4,900 downloads

**Portfolio Website** - [lukenneth.com](http://lukenneth.com)

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

## Skills & Interests

**Proficient** in Java; **experienced** with Javascript/Typescript, Objective-C, 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