

# Emily Lynam

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## SKILLS

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- **Languages:** JavaScript, Swift, C#, Python, Objective-C
- **Frameworks:** ASP.NET, Knockout, Angular, Express, Django, Flask
- **Back-End:** Node.js, SQL, CoreData, EntityFramework, MongoDB
- **Front-End:** HTML, CSS, jQuery, Bootstrap, Materialize, Interface Builder, Autolayout
- **Methodologies:** OOP, MVC / MVVM, RESTful APIs, RWD, Git version control
- **Design:** Adobe Creative Suite, GIS, Wireframing, Mapping, Diagramming

## EXPERIENCE | SOFTWARE ENGINEERING

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**Microsoft** Seattle, Washington February 2017 - June 2017

*Software Engineer - LEAP Apprentice*

- Assisted the Bing Local Content Management team in their mission to improve metrics in Bing Local's Global Data Pipeline
- Developed a new tool in the internal HitAppIDE that allows program managers with limited engineering expertise to create and deploy HitApps (an internal, form-based tool for human judges to review the accuracy of Bing Local data)
- Created a recursive form generator to be configured with JSON specs that powers the tool
- Technologies: ASP.NET MVC, C#, Knockout MVVM, JavaScript, VisualStudio, Git, jQuery

**StepByStep / SOAR Therapy** Remote November 2016 - February 2017

*iOS Contract*

- *Phase 1:* Migrated back-end from Parse to ParseOnBuddy, performed bug fixes, and uploaded app version 1.6 to iTunes Connect for submission
- *Phase 2:* Incorporated iPhone support into the existing iPad application code, and released the new iPhone app on iTunes
- *Technologies:* Objective-C, ParseOnBuddy, iTunes Connect, TestFlight
- <https://itunes.apple.com/us/app/stepbystep-pro-sequencing/id969867725?ls=1&mt=8>

## EXPERIENCE | LANDSCAPE ARCHITECTURE

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**Root of Design** Seattle, Washington March 2015 - July 2016

*Landscape Designer*

**Zoo Design Inc** Seattle, Washington April 2014 - March 2015

*Zoo Designer*

**PJA Architects** Seattle, Washington November 2013 - April 2014

*Zoo Designer*

**Denver Zoo** Denver, Colorado May 2011 - June 2013

*Planning Intern*

## EDUCATION

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**Coding Dojo** Seattle, Washington

July 2016 - October 2016

*Full Stack Development Training*

- 1000 hours programming and deploying apps with three full stacks: Python, iOS, and MEAN
- Passed Black Belt exams in all three stacks. Black Belts test the ability to take an app from wireframe to full functionality and deployment in 4.5 hours

**University of Colorado** Denver, Colorado

May 2013

*Masters in Landscape Architecture*

**Grinnell College** Grinnell, Iowa

May 2009

*B.A. in Anthropology, Global Development Studies*

## PROJECTS

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**UMove** iOS Contract

<https://github.com/lynamemi/UMove>

- *Description:* Building a native iOS app in collaboration with the University of Montana's Dr. James Laskin that implements his method to test and track physical fitness levels of para-athletes
- *Technologies:* Swift, Xcode, CoreData, Accessibility Features

**PlantScape** iOS Capstone Project

<https://github.com/lynamemi/PlantScape>

- *Description:* This project combines my passions for maps, plants, data, design, and programming, enabling a user to create their own plant design on their iPhone
- *Technologies:* Swift, Xcode, MapKit, GestureRecognizer, SwiftCSV (CocoaPod)

**SportsPlanner** Python Capstone Project

[www.sportsactivitypro.com](http://www.sportsactivitypro.com)

(email: [albus@hogwarts.com](mailto:albus@hogwarts.com); password: hogwarts)

- *Description:* For this collaborative team project, I designed most of the CSS and user interface for the project and wrote ORM queries to connect users to activities
- *Technologies:* Python, Django, Google Maps API, AWS, Bootstrap, GitHub, SQL