

Emily Lynam

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SKILLS

- **Languages:** JavaScript, Swift, C#, Python, Objective-C
- **Frameworks:** Asp.Net, Knockout, AngularJS, 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

Microsoft Seattle, Washington February 2017 - present

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 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, generic form generator that can be configured with JSON specs
- Technologies: Asp.Net MVC, C#, Knockoutjs MVVM, JavaScript, VisualStudio, Git

StepByStep / SOAR Therapy Remote November 2016 - February 2017

iOS Contract

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

EXPERIENCE | LANDSCAPE ARCHITECTURE

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

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 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

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

(email: 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