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 - 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 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
- 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)

www.sportsactivitypro.com
SportsPlanner Python Capstone Project   *(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