ERIC COLLOM

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EXPERIENCE

Arux Software   August 2014 - Present
iOS Software Developer   *Minneapolis, MN*

· Responsible for developing and maintaining iOS applications.
· Design and develop new features for iOS applications.
· Successfully developed "Eleyo Childcare Attendance" iOS application using frameworks such as Core Data, Core Animation, UIKit animation API, and AlamoFire.
· Built iOS application "Eleyo Course Roster" using Alamofire and MapKit.
· Created the RESTful API for the "Eleyo Course Roster" application using Ruby and Sinatra.
· Developed the RESTful API for demoing "Eleyo Childcare Attendance" using Swift and Vapor.
· Implement unit testing using XCTest.
· Assist in making changes to server APIs using Ruby on Rails.
· Use Sketch to create application mockups.

Personal Projects

· *Odds Of Catan* - Built and designed iOS application for keeping track of probabilities in Settlers of Catan. Used Swift, UIView animations API and the MVVM design pattern. Available at github.com/Boidkan.
· *Personal website* - Designed and built ericcollom.com, using CSS, HTML, and Bootstrap.

TECHNICAL STRENGTHS

Proficient In	Swift
Familiar With	Ruby, HTML, CSS
Frameworks	Core Data, XCTest, MapKit, Core Animation, Bootstrap, Sinatra, Vapor, Ruby on Rails
Tools	XCode, Unix Terminal, Git/Github, Sketch, Atom
Spoken Languages	English (native fluency), Spanish (native fluency)

AWARDS

Thesis Award, University of Minnesota, Morris, Morris MN   May 2014

· Award for exemplary writing and presentation of original thesis paper *"Applying Genetic Programming to Bytecode and Assembly"*.

PUBLICATIONS

Scholarly Horizons: University of Minnesota, Morris Undergraduate Journal
2014 Vol. 1: Iss. 2, Article 4.
Applying Genetic Programming to Bytecode and Assembly

· Professor submission only: representing top level work seen over professor's career.

EDUCATION

University of Minnesota, Morris   September 2014
B.A. in Computer Science