

# Aidan Melen

## Work Experience

### Software Engineering Internship *Sampleminded*

MAY 2015 — PRESENT

Working on both the server and client for a variety of web applications which help laboratories optimize their workflow processes. Programmed, tested, and successfully deployed a 2D barcode technology while working in a Scrum driven work environment. *Java, Javascript, SCSS, SQL, Mercurial*

Writing python modules for infrastructure automation, security, and monitoring. *Python, Git*

### Developer of *Drinking Lab* *Entrepreneurship*

AUGUST 2014 — OCTOBER 2014

Developed *Drinking Lab*, an iPhone app that provides users with precise blood alcohol content (BAC) measurements.

Programmed an algorithm that determines BAC levels by analyzing a user's physical profile together with the number of alcoholic drinks consumed. *Drinking Lab* actively alerts its user when they become dangerously intoxicated. *Objective-C*

Rating: ★★★★★  
Downloads: 947  
Hyperlinks to App Store on iTunes:  
*Drinking Lab LITE* and *Drinking Lab*

### iOS Internship *Green Mountain Software*

FALL 2012 — SPRING 2012

Designed and built my first iOS application. Experienced working alongside passionate and intelligent iOS developers in a professional setting.

## Leadership

### Computer Science Tutor *Westminster College*

SEPTEMBER 2014 — PRESENT

Encourage valuable programming practices, such as: object-oriented programming, debugging, and program readability. Develop strong problem solving and communication skills.

### Treasurer / Instructor of Clay Club *Westminster College*

SEPTEMBER 2014 — MAY 2015

Fundraised by selling my pottery at a Clay Club sale. Instructed valuable pottery techniques to Westminster students.

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## Education

2012 — EXPECTED 2016

**B.S. Computer Science  
Art Minor**  
*Westminster College*  
GPA 3.52

## Relevant Course Experience

Artificial Intelligence	Software Engineering
Algorithms	Intro to Data Structures
Database Systems	Computer Systems
Computer Architecture	iOS App Development
Computer Graphics	Embedded Systems
Operating Systems	Computer Networks
Discrete Mathematics	Calculus

## Programming Skills

Basic Knowledge	HTML, CSS, Javascript, C, OBJECTIVE-C, Postgres
Proficient Knowledge	Java, Python, Unix, Git, L <sup>A</sup> T <sub>E</sub> X

## Awards

2014 — 2015	Ranked as top 25 student-founded business in Utah <i>The Utah Student 25</i>
2014 — 2016	<b>Math and Science Endowed Scholarship</b> <i>Dr. Bruce Bemis</i>
2014 — 2016	<b>Dean's List</b> <i>Westminster College</i>

## Team Work

Worked in a small group for a semester-long software engineering project in order to develop a deliverable website. *Django, Git, HTML, CSS, JavaScript, SQL*

## Athletics

2015	<b>USCSA Men's Team National Champions</b> <i>Westminster Snowboard Team</i>
2013	<b>4<sup>th</sup> place finish at World University Games</b> <i>United States Snowboard Team</i>