Aidan Melen

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Work Experience

May 2015 – Present

Software Engineering Internship
Sampleminded

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*

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

August 2014 – October 2014

Developer of *Drinking Lab*
Entrepreneurship

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

Fall 2012 – Spring 2012

iOS Internship
Green Mountain Software

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

Leadership

September 2014 – Present

Computer Science Tutor
Westminster College

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

September 2014 – May 2015

Treasurer / Instructor of Clay Club
Westminster College

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

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, LaTeX

Awards

2014 – 2015 — Ranked as top 25 student–founded business in Utah
The Utah Student 25

2014 – 2016 — **Math and Science Endowed Scholarship**
Dr. Bruce Bemis

2014 – 2016 — **Dean's List**
Westminster College

Team Work

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

Athletics

2015 — **USCSA Men's Team National Champions**
Westminster Snowboard Team

2013 — **4th place finish at World University Games**
United States Snowboard Team