

Andrew Chen

(248) 380 - 9188 | anchen@umich.edu | github.com/chenan02

EDUCATION

University of Michigan – Ann Arbor

May 2017

B.S.E in Computer Science, School of Engineering

- GPA: 3.2/4.0
- Minor in Entrepreneurship

Coursework:

EECS 381: Advanced Object-Oriented Programming EECS 482: Introduction to Operating Systems
EECS 498: Introduction to Distributed Systems EECS 485: Web Databases and Information Systems

EXPERIENCE

Suitcase, LLC

9/2016 – Current

Application Developer

- Created top-view drag-and-drop editor in BrideVue mobile application using C#/Unity3D
- Aided development of Python AWS service to return asset models

Enova International

5/2016 – 8/2016

Software Engineer Intern

- Built Ruby on Rails Mock Server application to test 3rd party API calls
- Contributed 56% of story points in 3-person team

University of Michigan School of Architecture

9/2015 – 9/2016

Application Developer

- Generated 24 dynamic diagrams with D3.js to visualize energy conservation research
- Supported Java backend generating data points for diagrams

The Principal Financial Group

5/2015 – 8/2015

Software Engineer Intern

- Maintained EdgeUI, Principal's frontend framework
- Overhauled Hours Clocking Application with 3-tier, RESTful Java/Spring app
- Led intern team to create Referral Advocate Program application using AngularJS and Firebase

University of Michigan Transportation Research Institute

9/2014 – 5/2015

Research Assistant, Dr. Jingwen Hu

- Implemented 3000+ lines of C++ code to morph parameterized crash models
- Produced 50+ finite element models using Mimics and Hypermesh

ACTIVITIES

Michigan Climbing Club

9/2015 – Current

President

- Expanded club membership from 343 to 774 members by forging new company partnerships, hosting more social events, and establishing an executive board
- Organized weekly carpools to climbing gym and monthly outdoor trips

University of Michigan Men's Glee Club

9/2013 – 12/2016

Webmaster, ummgc.org

- Updated public PHP/MySQL website regularly for 1500 unique visitors/month
- Constructed 500+ line PHP application to automatize club-hiring email system

SpotCheck

9/2016 – 12/2016

spotcheck441.herokuapp.com

- Created iOS application in Swift to help users find occupancies of popular areas
- Set up Rails backend to store user occupancy ratings and Google Places API responses

Myo Free Body Diagram Editor

9/2016 – 12/2016

github.com/alexander-r-arnold/eecs481-myo-fbd

- Built free body diagram editor desktop application for paralyzed client using Node.js/Electron
- Gathered input using Myo Armband and Myo.js