

Mac Liu

Computer Science at Iowa State University

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EDUCATION

Iowa State University

Bachelors of Science: Computer Science

GPA: 4.0

Graduation Date: May 2018

PROJECTS

Expo (iOS and Android)

In Progress

The Craigslist for college students! Uses user location to tie users to nearest university. Integrated Venmo as an option for payment

FaceRate (iOS)

February 2015

This app rates users on a 1-10 scale, which is calculated using the golden ratio from landmarks extracted from an image of their face as well as predict their race and gender.

Move. (iOS)

Spring 2015

A social events mobile app that allows users to connect with their favorite organizations.

MyDining (iOS)

Fall 2014

Reverse-engineered the current Flash-based, online ISUWebfood app and created an iOS app on top of it.

Split Pay (iOS and Android)

Summer 2014

Browse through friends and family's bills and make pledges towards them. Integrated Simplify API by MasterCard labs for payments.

More projects can be found on my website:

macliu.github.io/portfolio

AWARDS & RECOGNITIONS

Princial Leadership Conference Attendee

HackISU 2015 – Venmo API Winner

Canvas My Campus – 1st Place

HackMidwest Hackathon 2014 – 2nd Place

HackISU Hackathon 2014 – 3rd Place

George Washington Carver Scholar

Iowa State University's Deans List

Iowa State University Honors Program

SKILLS

Programming

Java, Objective-C, Swift, Javascript, HTML, CSS,
Python, C#, ASP.NET

Software

Xcode, Eclipse, Git, Visual Studio, Sublime Text

WORK HISTORY

Principal Financial Group

Software Development Intern

Summer 2015

Will be developing full-stack web applications using ASP.NET/C# along with mobile apps.

Rockwell Collins

Software Engineering Coop

Spring 2015

Developing ALM tools using HTML, CSS, Python, Javascript, and Java to optimize performance on daily tasks.

AgriSync

Mobile Development Intern

Fall 2014 - Present

Worked with Objective-C, C#, and XAML with Xamarin to create and update the AgriSync app.

Independent iOS Developer

Developer

Summer 2014 - Present

Worked with Objective-C and Swift to develop iOS applications with Node.js.

EXTRACURRICULARS

Mobile Development Club (Social Chair)

Computer Science/Software Engineering Club

Google CodeU

Startup Weekend in Cedar Rapids

CyHack Club

HackISU Hackathon (2014, 2015)

HackMidwest Hackathon

Garmin Programming Showdown/CodeDay

CTC Workshops (Volunteer)

