

Alex Jeffery Berns

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Objective

To obtain a full time position in the field of computer engineering at the end of Spring 2017

Education

Iowa State University, Ames, IA

Bachelor of Science, Computer Engineering

Expected Graduation May 2017

GPA = 3.17

Honors & Awards

First Place Hackathon

Most Valuable Coder in SE319

Teamwork and Innovation Award

Best Health Hack

Second Degree Black Belt

Skills

Tools and Languages: JavaScript, Java, Swift, C, Splunk, GIT

Environments: Web, Android, iOS,

Hackathons

- C6 BioFarm Fall 2014 – C6 Bio Farm iPad – First Place, became a job
- HackISU Spring 2015 Gstat – Teamwork and Innovation Award
- HackISU Spring 2016 – Monster Field
- HackISU Fall 2016 – HealthIO – Best Health Hack

Projects

HealthIO: Nodejs server using socket.io to take in information from health monitors, stores it, and sends notifications if patient is in danger zone.

Student Check In: Attendance system using facial recognition created in JavaScript.

Monster Field: Game created while learning JavaScript.

Lawn Mower: Android game that counted steps and gave in game awards based on steps over time.

Gstat: Java API with functionality to simulate board and card games with different AI.

C6 Bio Farm: iPad game designed by C6 to help educators teach children about farming.

Experience

C6 BioFarm: Programmer for iOS App

Fall 2015 – Present

- Worked with Professor to developed iPad game to teach kids about farming
- Programmed iOS version while working with Android Team
- Created mobile version for cross platform use
- iTunes Download: <https://tinyurl.com/okxdmz8>

Optum: ETL Tech Intern

Summer 2015

- Wrote Splunk Functions to analyze big data of server workload
- Ran scripts to check health of server
- Collaborated to develop an exer-gaming program

School Organizations

IEEE (2013-Present)

Residential Council: KQ Chair (2013-2015)