Blade Chapman

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Experience

Classkick: Software Engineering Intern – Chicago, IL   **May 2014 – Aug 2014**

Was a core member of a 3 person iOS development team.

Designed and built transformative features and infrastructure for security, onboarding new users, copying information between accounts, metrics and analytics, and teacher utilities.

CS125-196 Course Staff – Urbana-Champaign, IL   **Ongoing**

Course Assistant for an introductory computer science class of nearly 400 students and mentor for honors section iOS teams.

Assisted teaching weekly lab sections and helped with programming assignments via office hours

Toss: iOS Developer   **Ongoing**

2013 IEEE UIUC Hackathon 1st Place - Allows user to draw diagrams on his/her smartphone and instantly send them to his/her computer as a supplement to digital notes

Co-led team - designed and built the iOS and Mac components of the application, which encompassed Core Graphics, data encoding, and networking.

OCRa: iOS Developer   **Sept 2014**

Developed an iOS app that finds digital copies of printed media using Google's Tesseract OCR API underneath a proprietary OCR cleaning REST API for MHacks IV.

HackIllinois: Moonshots Staff, Systems Staff   **April 2014**

Helped organize University of Illinois' first intercollegiate hackathon of over 700 participants for 36 hours.

Co-led project to build a set of LED illuminated stairs lined with ultrasonic sensors such that steps would change color as you ascended.

Education

B.S. Computer Science – University of Illinois at Urbana-Champaign   **2017**

GPA – 3.7 – James Scholar

Dean's List 2013-14

University of Illinois at Urbana-Champaign James Scholar, 2013-2014

Coursework

Introduction to Computer Science, Honors Section: CS 125, CS 196-25

Discrete Structures: CS173

Data Structures and Programming Principles: CS225

Computer Architecture: CS233

System Programming: CS241

User Interface Design: CS465

Skills

Proficient In: Objective-C, Java, C++

Experience With: JavaScript, C, HTML5, CSS3

Communication: Former Java and violin tutor, worked with and led teams to present hackathon projects