

MOHSIN HAIDER

Computer Science Student and Software Developer



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EDUCATION

Illinois Institute of Technology (IIT)

Bachelor of Science in Computer Science

Graduating May 2018, Major GPA: 3.53/4.00

Present - 05/2018

PROFESSIONAL EXPERIENCE

Research Assistant, Scalable Software Computing Lab - Chicago, IL

05/2016 – 07/2016

- Benchmarked NoSQL databases such as MongoDB and Cassandra to motivate a modern file system research project.
- Wrote Hadoop MapReduce jobs in Java to aid laboratory researchers in their projects.
- Gained research experience under multiple PhD student advisors and learned about research methodology.

Teaching Assistant, Department of Computer Science at IIT- Chicago, IL

12/2015 – 05/2016

- Mentored and tutored students in object-oriented programming concepts with Java.
- Worked with students to complete programming projects, raising their grades 3% above the class average.
- Debugged students' code to provide points of improvement regarding writing software.

PROJECTS

Telememe - github.com/kfichter/Telememe

04/2016

- Built the frontend and logistics segment of an image rating Android application in Java that connected to an Arduino board.
- Used the Android Bluetooth APIs to send signals to an Arduino from the result of a regular expression text test.
- Worked on intermediate Android frontend skills, dealing with Fragments and Nested Fragments.
- **Winner of Uncommon Hacks 2016.**

Farmee: Data Driven AgTech - github.com/ming08108/Climate

02/2016

- Developed an Android application in Java that bridges the gap between generous farmers and food bank managers.
- Utilized Climate.com's FieldView API and Google Maps services to track farmers' individual crop counts in real time.
- Worked with Microsoft Azure to package farmer input into a format that would later be serialized by Azure.
- Awarded **"Best Real World Mobile Application"** at HackIllinois 2016 by Palantir Technologies.

TECHNICAL SKILLS

Experienced:

Java, Python, Javascript, HTML/CSS, C, Android Development

Prior Experience:

Swift, iOS Development, SQL, MongoDB, Node.js, Django

Relevant Coursework:

Data Structures and Algorithms, Discrete Structures, Systems Programming, Mobile Application Development

LEADERSHIP EXPERIENCE

Association of Computing Machinery (ACM)

President

- Teaching students computer science concepts via hackathons and software development workshops.
- Working with computer science faculty to spearhead new initiatives for undergraduates studying computer science.

Collegiate Entrepreneurs' Organization (CEO)

Vice President, Webmaster

- Launched 2 entrepreneurship development competitions in less than 1 month in office for 50 students.

HONORS AND AWARDS

"Most Uncommon Hack", Uncommon Hacks 2016 – Built an Android app that controlled a suite of Bluetooth hardware. 04/2016

Palantir's "Best Real World Application Hack", HackIllinois 2016 – Developed Android App that aids crop management. 02/2016

Second Place, MobiHACK 2015 – Developed a meeting assistant with Javascript and the HTML5 Speech Recognition API. 11/2015

University Scholars Program, IIT – Premier Scholarship Program at Illinois Institute of Technology. 08/2015

Other Awards: Advanced to regionals in Princeton University's annual pitch competition, TigerLaunch; Semi-Finalist in SXSW's Startup Madness Competition; 1st prize at Illinois Institute of Technology's StartupIIT entrepreneurship competition.