

EDUCATION	<p>Illinois Institute of Technology (IIT) Bachelor of Science in Computer Science Graduating May 2019 Relevant Coursework: User-Centered Digital Design, Machine Learning, Algorithms Design</p>
EXPERIENCE	<p>Software Engineering Intern, HERE Chicago, Illinois May 2017 – Present</p> <ul style="list-style-type: none">• Developing algorithms in Java for 4+ production Hadoop jobs to faster process GIS data.• Implementing comprehensive JUnit tests to anticipate failures before builds are deployed.• Automating manual production processes by developing Jenkins jobs using Bash.• Saving server costs significantly by moving local production processes to Amazon EMR. <p>Co-Director and Co-Founder, ScarletHacks – scarlethacks.com Chicago, Illinois January 2017 – Present</p> <ul style="list-style-type: none">• Raising 44% of an over \$XX,000 budget for IIT's Major League Hacking (MLH) hackathon.• Communicating daily with 5+ university departments to succeed in logistics and marketing.• Directing a team of 4 other students who are responsible for design and accommodations. <p>Research Assistant, Scalable Software Computing Lab @ IIT Chicago, Illinois May 2016 – August 2016</p> <ul style="list-style-type: none">• Benchmarked NoSQL databases such as MongoDB to motivate a modern file system.• Learned to write Hadoop MapReduce jobs to eventually aid laboratory researchers. <p>Teaching Assistant, CS @ IIT Chicago, Illinois January 2016 – May 2016</p> <ul style="list-style-type: none">• Mentored a batch of 8 students in learning object-oriented programming with Java.• Raised my batch of students' grades to be 3% above the overall class average.• Graded 80+ Java programming assignments while providing feedback to each student.
PROJECTS	<p>Assorted Machine Learning Projects – github.com/mohsinhaider/learn_ml <i>Technologies:</i> Python, SciPy, scikit-learn July 2017</p> <ul style="list-style-type: none">• Implemented statistical regression and classification algorithms from scratch using Python.• Applied intuition gained from raw implementations to using scikit-learn on large datasets. <p>FeelShot – github.com/mohsinhaider/FeelShot <i>Technologies:</i> Java, Android, Firebase November 2016</p> <ul style="list-style-type: none">• Developed a mental health tracking Android app for people who lack behavioral healthcare.• Created a daily picture and voice diary tool that is analyzed to give the user health statistics.
LEADERSHIP	<p>President and Founder, Illinois Tech ACM – bit.ly/iit-acm August 2016 – Present</p> <ul style="list-style-type: none">• Grew IIT ACM to 220+ hackers in 1 year in order to enrich the CS student experience.• Organized travel to 5+ MLH hackathons for the purpose of creating a strong hacker group.• Hosted workshops on many technologies to help members discover areas of interest.
SKILLS	<p>Languages: Python, Java, Javascript, HTML/CSS (Experienced) C, SQL, Bash (Prior Experience) Tools: Git, Jenkins, Amazon Web Services (EMR, S3, EC2), Maven, JIRA</p>
AWARDS	<p>Winner – ArchHacks 2016: "Best Socioeconomic Health Project" from Centene, for <i>FeelShot</i> Winner – WildHacks 2016: "Top 10 Project" from WildHacks judging panel, for <i>InstaGuard</i> Winner – HackIllinois 2016: "Best Real World Software" from Palantir, for <i>Farmee</i></p>