

# Mashnoon Ibtesum

Software engineer & artist based in New York. I love working at the intersection of art and technology — essentially I make pretty things that try to tackle big problems.

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## EDUCATION

Sept 2017 - Jun 2021	<b>Carleton College</b> <i>Computer Science &amp; Studio Art major</i>  <b>Relevant Courses:</b> Machine Learning, Linear Algebra, Data Structures, Algorithms, Discrete Math <b>GPA:</b> 3.5
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## EXPERIENCE

Jun 2020 - Aug 2020	<b>Surescripts</b> <i>Software Engineering Intern</i> <ul style="list-style-type: none"><li>Implemented and shipped an Electron desktop application using Angular, Typescript and Bootstrap to enable healthcare providers to generate Structured &amp; Codified SIGS (the instruction portion of a prescription)</li><li>Learned industry best practices regarding web development, agile, code review and resiliency</li></ul>
Sept 2019- Jan 2020	<b>Computer Science Department</b> <i>Course Assistant &amp; Grader</i> <ul style="list-style-type: none"><li>Grade homework and assess student's mastery of basic computer concepts including programming, syntax, and use of Python.</li><li>Hold lab sessions to assist computer science students with their coursework by explaining and re-teaching complex concepts in individual and small group settings.</li></ul>
Sept 2019- Jan 2020	<b>Carleton Summer Science Institute</b> <i>Research Assistant</i> <ul style="list-style-type: none"><li>Worked closely with participants through a guided research project and assisted SCSi faculty with class activities and labs, tackling different computer vision and machine learning problems. .</li><li>Facilitated group discussions on an evening basis with students.</li></ul>

## PERSONAL PROJECTS

Dec 2018 - Present	<b>Gracker</b> <a href="https://mash.studio/gracker">https://mash.studio/gracker</a>  Cross platform (Android & IOS) application implemented with Firebase Firestore back-end, using the Flutter Framework and Dart, geared toward students to help them better manage assignments and track their grades. Features a progressive web client made using React and Redux, and a desktop client using Electron.
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## SKILLS

<b>Programming Languages</b>	Python, Java, JavaScript, Typescript, Dart, HTML, SQL, Dart, Swift
<b>Fronend Technologies</b>	React & Redux, Angular, Flutter, SwiftUI, Electron
<b>Backend Technologies</b>	NodeJS, Django, Flask, Postgres
<b>Other</b>	Certified in Adobe Photoshop, Premiere & After Effect