


# Mina Khan

Research Assistant, MIT Media Lab

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## EXPERIENCE

### + MIT Media Lab

Research Assistant, Fluid Interfaces group 2016 - present  
Intelligence Augmentation for better self-awareness and education using augmented reality, tangible interfaces, and mobile applications

### + Google

Software Engineer, Project Aura: Google Glass & Beyond 2015 - 2016  
Smart personalized applications for wearables and augmented reality devices using machine learning and contextual intelligence.

### + Udacity

Course Manager 2014 - 2015  
Courses: Developing Android Apps; Machine Learning; Web Programming; Introduction to Java Programming; Introduction to Computer Science.

### + MIT Computer Science and Artificial Intelligence Lab

Summer Research Intern Summer 2014  
Gröbner bases algorithms to efficiently solve equations for robot locomotion

### + Scanning Probe Microscopy Lab

Researcher, Mount Holyoke College 2012 - 2014  
Ferromagnetic nanostructures for dense magnetic memory devices

### + Mount Holyoke College

Teaching Assistant & Peer Mentor 2012 - 2014  
Data Structures; Quantum Mechanics; Real Analysis; Linear Algebra ; Discrete Mathematics; Electromagnetism; Force, Energy and Motion

### + Swarm Robotics Lab

Researcher/Developer, Mount Holyoke College 2013 - 2014  
Multi-robot formations using rigidity graph theory for swarm robots.

### + National Corporation for Atmospheric Research

Summer Researcher, High Altitude Observatory Summer 2013  
Analyzed satellite data to predict auroral energy for atmospheric models

## EDUCATION

### + MIT Media Lab

Masters in Media Arts and Sciences  
2016-2018 GPA: 5.00/5.00  
Courses:  
How to Make (almost) Anything;  
Human Machine Symbiosis;  
How to Design (almost) Anything;  
Tools for Well-being;  
Learning Creative Learning

### + Mount Holyoke College

Bachelors of Arts  
2011-2015 GPA: 4.00/4.00  
Majors: Mathematics, Physics & Computer Science

## SKILLS

### + Software Development

Augmented & Virtual Reality (Unity);  
Mobile Apps (Android); Web Development (HTML, CSS, JavaScript)

### + Hardware & Fabrication

Embedded programming and electronics prototyping with Arduinos; Laser cutting; CNC milling; 3d printing

### + Design & Video

3D modeling (FreeCAD);  
Digital design (Adobe Photoshop);  
Video editing (Adobe Premiere)

## AWARDS

- + LEGO Papert Fellow 2017
- Magna Cum Laude 2015
- Google Anita Borg Scholar 2014