

# ISHAN KHOSLA

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## OBJECTIVE

To attain a deeper academic understanding and hands on experience in the field of medicine and business to help me achieve my dream of obtaining an M.D./M.B.A. so as to drive innovation in the healthcare industry and serve the global community

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## EXPERIENCE

American Red Cross

Volunteer/Member | September 2020 – Present

- Assist with COVID-19 programs as a Disaster Health Services Associate leveraging my EMT-B qualifications

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Projects for Humanity Inc.

Co-Founder/Trustee | March 2020 - Present

- Created a non-profit charity that fundraises for and runs projects to help our communities with their humanitarian needs
- Launched a project to help Health Care Workers and First Responders during the COVID-19 pandemic. Raised \$5K to provide supplies and 300+ meals to 2 hospitals and multiple Police/Fire/EMS departments in hotspots across New Jersey
- Launching a new project that offers free tutoring to middle school students if they struggle to adapt to online learning – recruiting additional high school students across the country to become tutors and help grow the program

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University of North Carolina Campus EMS

Founding Member | January 2020 – Present

- Leading a campus wide initiative to operate a student-run EMS team on campus – operational Q4'20
- Developed Standard Operating Procedures and Training Protocols to guide new members
- Drafted the business plan including financial statements to map the trajectory of the organization over the first 5 years with the goal to grow from a first responder agency to a transport capable agency (upgrade from an electric cart to an ambulance)
- Train new members in the classroom and in the field as more EMTs are onboarded

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Tri-Boro Volunteer Ambulance Corps.

Crew Chief - Emergency Medical Technician (EMT) | April 2017 - Present

- Provide medical care and transport during 911 emergencies. Operated on 1,500+ calls (Approximately 10,000+ on call hours) and continued to respond to emergencies throughout the COVID-19 pandemic
- Supervise crew members while on duty and train cadets out in the field

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Neuroscience Summer Undergraduate Research Program (NeuroSURP) at Robert Wood Johnson Medical School

Research Student | June 2019 – August 2019

- Researched the effect of the scavenger de-capping protein DCPS on neocortical development due to evidence that abnormal DCPS expression can lead to intellectual disability (Dr. Mladen-Roko Rasin Lab)
- Organized and presented data collected throughout the summer at the Rutgers NeuroSURP symposium
- Revised a paper on Intellectual Disability being submitted to *Nature Scientific* – resulted in an acknowledgment

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University of North Carolina at Chapel Hill School of Medicine - Dr. Eva Anton Lab

Research Assistant | October 2019 – March 2020

- Researched the effects of Tuberous Sclerosis Complex (TSC) - a genetic disorder associated with autism - on neural morphology and organization in the developing brain

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Columbia University Medical Center

Intern | August 2017 – July 2018

- Selected as the sole candidate from my school to shadow Cardiothoracic Surgeons at CUMC
  - Observed surgeries, attended lectures, and accompanied surgeons on rounds throughout the Cardiac ICU (CICU)
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## Provita Pharmaceuticals

Chief Executive Officer (CEO) | May 2016 – September 2017

- Managed a 40-person student-run model biotech company financed by the school district
- Developed multiple innovative products including: a Novel Method of Vaccination, a Surgical Hernia Repair Mesh, an Epinephrine Auto-Injection, a Treatment for Diabetes, and a Treatment for Hemophilia
- Supervised R&D, allocated funds, managed P&L reporting, and created go-to-market strategies for products

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## Bergen County Academies Stem Cell Laboratory

Independent Researcher | September 2014 – June 2018

- Conducted a project on increasing the susceptibility of cancer cells to chemotherapeutic drugs
- Learned various laboratory techniques and became confident in analyzing data

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## International Student Ambassador

School Representative | February 2017 – June 2018

- Represented my school on school trips and routinely helped host international delegates at my school
- Went to Israel as an ambassador for my school where I forged partnerships for Provita Pharmaceuticals

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## Englewood Hospital Medical Center

Surgical Student | November 2016 – March 2017

- Learned surgical techniques under the supervision of vascular surgeons
- Performed surgeries on rats – both survival and non-survival procedures

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## Hackensack University Medical Center

Intern | June 2015 – August 2015; July 2016 – August 2016

- Shadowed an Electrophysiologist (Dr. Gunjan J. Shukla). Walked through the entirety of procedures performed from inside the O.R.

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## EDUCATION

### *University of North Carolina at Chapel Hill & Kenan-Flagler Business School – Class of 2022 (Honors Carolina)*

- Major | B.S. Neuroscience
- Minors | KFBS Business & Chemistry
- GPA | 3.65

### *Bergen County Academies – Class of 2018*

- Academy for the Medical Sciences and Technology
- GPA | 3.8

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## GLOBAL EXPERIENCE

### *Chandigarh, India – August 2017*

- Organized free medical and blood donation clinics in rural India in partnership with local doctors
- Learned about the logistics of managing medical supplies/resources and was exposed to cross-cultural lessons

### *Tel-Aviv, Israel – February 2017*

- Traveled to Israel as a student-ambassador to develop relations with the Technion – Israel Institute of Technology
- Presented to students about my school's biotech start-up – Provita Pharmaceuticals and learned about Israeli culture

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## SKILLS

- Data Analysis
- Laboratory Techniques
- Website Design
- Project Management
- Market Analysis
- Interpersonal Skills/Leadership
- Microsoft Office Suite
- Presentation Skills
- Great with Kids

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## PERSONAL INTERESTS

- Soccer | Captain for Varsity & Club | 12 Years
- Mixed Martial Arts | Black Belt in Tae-kwon-do and Krav Maga | 8 years
- Music | Guitar, Drums, and Saxophone | 6 years