

# BENJAMIN AHN

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## EDUCATION

### **Georgia Institute of Technology**

GPA: 4.0, Gold Scholar – top 1% merit scholarship, Honors Program  
Bachelor of Science in Biology, Spanish Minor, Computational Biology Certificate

Atlanta, Georgia  
May 2022

### **Johns Creek High School**

Class Council President, Mock Trial Captain, *Sing-chronized* a-capella Music Director

Johns Creek, Georgia  
May 2018

## WORK EXPERIENCE

### **GEORGIA INSTITUTE OF TECHNOLOGY**

#### **Undergraduate Researcher**

Atlanta, Georgia  
1/19 - present

- Investigate modulation of microglial activation and neuronal viability in Alzheimer's Disease using mouse model
- Developing novel therapeutic technique to restore microglia function via cytokine & enzyme pathway feedback loops
- Analyze protein expression differences via immunofluorescence techniques *in vitro* and *in vivo*.
- Present research updates bi-weekly lab meetings and journal clubs

### **EMORY UNIVERSITY WINSHIP CANCER INSTITUTE**

#### **Cancer Epidemiology Research Intern**

Atlanta, Georgia  
Summer 2017

- Researched socioeconomic factors & cancer survival rates using Surveillance, Epidemiology and End Results data
- Provided data for the Lymphoma Epidemiology of Outcomes group to reallocate healthcare resources across Atlanta
- Presented research at Winship Symposium to a public audience of physicians, professors, students

### **NORTHSIDE HOSPITAL**

#### **Anesthesia Technician**

Atlanta, Georgia  
Summer 2018, 2019

- Stocked & organized anesthesia supply carts & equipment for 17 General Surgery Operating Rooms
- Shadowed surgeons and anesthesiologist including orthopedic, brain, & gastric surgeries

## LEADERSHIP & EXTRA-CURRICULAR

### **GEORGIA TECH STUDENT GOVERNMENT ASSOCIATION**

#### **Faculty-Student Development Committee Chair**

Georgia Tech  
8/18 - present

- Sole Undergraduate Representative on selection committee for Vice Provost for Advocacy & Conflict Resolution
- Created "Illuminate Tech" & "SGA Coffee Takeover", semesterly faculty-student networking events 500+ participants
- Created & implemented *Mini-Mesters*, 10+ new, cross-disciplinary seminar courses available to students

### **GEORGIA TECH DEPARTMENT OF HOUSING**

#### **Peer Leader Resident Assistant**

Georgia Tech  
2/19 - present

- Recipient of "Our Beloved Community" Award, selected by GT Housing Administration & Staff out of 300+ RA's
- Certified & respond to student suicide, drug & alcohol, emotional & academic stress crises events
- Mentor 300+ freshmen, provide social & academic advice, resolve roommate conflicts, organize social events

## COMMUNITY SERVICE

### **CONSULTORIO MEDICO HISPANO**

#### **Clinical Assistant**

Chamblee, Georgia  
8/15 - present

- Spanish-speaking employee at government-subsidized clinic for economically disadvantaged Latino patients
- See 1000+ patients, check vital signs, conduct glucose analysis, manage patient charts, assist physicians

### **UNIDAD EDUCATIVA FISCOMISIONAL TECNICO ECUADOR**

#### **El Profesor de Educativa**

Mindo, Ecuador  
Winter 2018

- First Georgia Tech student to organize an independent international Alternate Service Break project
- Taught Spanish & English literacy to 5 classes of 40+ students, ages 5-55 using self-designed curriculum

## SKILLS

- Laboratory: mouse embryo neuron microdissections, cell culturing & media preparation, western blotting, immunocytochemistry, brain cryo-sectioning, free-floating histology, bicinchoninic acid assays, fluorescent microscopy
- Computer programming & software: Python, Java, MATLAB, ImageJ, R, LI-COR Image Studio & Zen Blue

## AWARDS, ACTIVITIES, INTERESTS

- Keynote Speaker, Institute-wide Convocation Georgia Tech; 800,000+ views (2019)
- Outstanding Congressional Citizenship Award (2018)
- Impact Medical Profession Award – Consultorio Medico Hispano (2017)
- Lead singer/lyricist of rock band *Three Toad Stack*, slam-poetry writer and rapper, captain for soccer intramural team