BENJAMIN AHN

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https://bioben.github.io

EDUCATION

Georgia Institute of Technology   **Atlanta, Georgia**
  GPA: 4.0, Gold Scholar – top 1% merit scholarship, Honors Program   **May 2022**
  Bachelor of Science in Biology, Spanish Minor, Computational Biology Certificate
Johns Creek High School   **Johns Creek, Georgia**
  Class Council President, Mock Trial Captain, *Sing-chronized* a-capella Music Director   **May 2018**

WORK EXPERIENCE

GEORGIA INSTITUTE OF TECHNOLOGY   **Atlanta, Georgia**
Neuroinflammation Researcher   **1/19 - present**
- Investigating modulation of neuroimmune cell activity & neuronal viability in Alzheimer's Disease in mouse models
- Characterize & quantify neuronal and microglial protein expression patterns via immunofluorescence
- Developing computational image-processing pipelines to analyze 2D/3D immunofluorescent brain images
- Manipulate microglial enzymatic pathways to enhance immune response & develop novel therapeutic strategies
- Present research updates bi-weekly lab meetings and journal clubs

NORTHSIDE HOSPITAL   **Atlanta, Georgia**
Anesthesia Technician   **Summer 2018, 2019**
- Stocked & organized anesthesia supply carts & equipment for 17 General Surgery Operating Rooms
- Shadowed surgeons and anesthesiologist including orthopedic, brain, & gastric surgeries

GT-EMORY COVID-19 HACKATHON   **Georgia Tech**
Lead Programmer & Developer   **5/20**
- Developed "Mental Wealth", a Facebook Game that diagnose mental health issues & connects users to resources
- Collaborated with Emory Masters of Public Health students to ensure effective diagnosis of mental health issues

LEADERSHIP & EXTRA-CURRICULAR

GEORGIA TECH DEPARTMENT OF HOUSING   **Georgia Tech**
Peer Leader Resident Assistant   **2/19 – present**
- Respond to student mental health, drug & alcohol, suicide, emotional & academic stress crises events
- Mentor 300+ freshmen, provide social & academic advice, resolve roommate conflicts, organize social events

CONSULTORIO MEDICO HISPANO   **Chamblee, Georgia**
Clinical Assistant   **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

GOLD SCHOLAR AMBASSADORS   **Georgia Tech**
Committee Chair   **5/20 - present**
- Lead team of 9 scholars to advocate for scholarship program changes with the Office of Special Scholarships
- Plan annual retreat for 50+ scholars; plan & execute recruitment weekend for 200+ scholars and candidates
- Create & organize Summer Scholars Chat series, Scholars Mentorship Program, & other social enrichment activities

BIOLOGY STUDENT ADVISORY COMMITTEE   **Georgia Tech**
Student Advisor   **2/20 - present**
- Work with professors to advocate for changes and improvements to Undergraduate Biology Program
- Mentor incoming Biology students about class registration, course planning, & undergraduate research

GEORGIA TECH STUDENT GOVERNMENT ASSOCIATION   **Georgia Tech**
Faculty-Student Development Committee Chair   **8/18 – 5/20**
- 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

AWARDS, SKILLS, INTERESTS

- Keynote Speaker, Institute-wide Undergraduate Convocation; 800,000+ views (2019)
- "Our Beloved Community" Award, out of 300+ RA's selected by GT Housing Administration & Staff (2020)
- Programming Skills: proficient with Python, Java, MATLAB, R, LinuxOS, HTML/CSS
- Proficient in Spanish
- Captain for soccer intramural team, slam-poetry writer & rapper, lead singer/lyricist of rock band *Three Toad Stack*