

Benjamin Yao

43 York Drive | Princeton, NJ 08540

609-480-6967 | benyao111@utexas.edu | <https://www.linkedin.com/in/byao>

EDUCATION

The University of Texas at Austin, Austin, TX

May/2022

Bachelor of Science in Physics and Astronomy

GPA: 3.9 (out of 4.0)

Relevant Coursework: Linear Algebra, Multivariable Calculus, Astrophysics, Intro to Python, Physics Electricity and Magnetism, Physics Waves and Optics, Quantum Physics, Advanced Calculus for Applications/Differential Geometry

SKILLS

Technical /Computer Skills: Proficient in Python, React, JavaScript, SQL, R, Java, MatLab, and Mathematica.

Languages: English, Spanish, and Chinese.

EXPERIENCE

University of Texas at Austin, Austin, TX

July 2019 - Present

Student Activity Center (SAC) Student Assistant

- Managed, tracked, and directed the deliveries coming into the SAC building. Monitored progress to ensure efficiency.

Kokodak Restaurant, Austin, TX

May 2019 – August 2019

Waiter, Barista, and Cashier

- Maintained cleanliness of the restaurant, made beverages, and served food while maintaining good relations with customers.

University of Texas at Austin, Austin, TX

Oct 2018 – May 2019

Facilities and Operations Maintenance Student Assistant

- Worked on projects, sorted data and created PowerPoints using MS Office applications such as MS Excel and PowerPoint. Picked up incoming phone calls and directed newcomers around the complex.

PROJECTS

- In-class research with 2 other students on differentiating stochastic gravitational waves from background noise. Took public data from the H1 and L1 detectors and used Python to plot and analyze our results.
- Summer Research with Aaron Rizzuto on Measuring Stellar Properties of Young Binary Stars using IGRINS spectrograph data.
- Created a CV Website using basic react as well as a weather web-app (with HTML, CSS, and JS) that takes data from a public weather API and uses it to display an accurate daily forecast. Also created a burger building & ordering web app (<https://react-burger-d3798.web.app/>)
- Created an Instagram bot program using Python that can scroll through Instagram and like specified posts.

ACTIVITIES & LEADERSHIP

UT Austin Residence Hall Council, Austin, TX

Feb/2019 - Present

Creekside Residence Hall Council Vice President

- Helped manage the dormitory, took notes during meetings, and planned educational events alongside other members of the RHC board for the dormitory students. Also helped students move in on move-in day.

UT Austin Advocates for Cancer Awareness Financial Board, Austin, TX

Dec/2018 - Present

Financial Board/Officer for the Advocates for Cancer Awareness Organization at UT Austin

- Helped advertise and raise/manage funds for the ACA club at UT Austin

HONORS AND AWARDS

- Dan K. Seilheimer, M.D. Endowed Undergraduate Scholarship Recipient
- UT Austin University Honor List