

Alex Ayala



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EDUCATION

The University of Texas at Austin, Austin, TX

Graduation Date: December 2021

Major: Computational Biology

- Certificates: Elements of Computing
- Relevant Coursework: Elements of Software Design, Computational Biology and Informatics, Elements of Data Analytics, Scientific Programming, Statistical Modeling for Health/Behavioral Sciences

ACTIVITIES & LEADERSHIP

Kappa Kappa Psi – Alpha Tau, Austin, TX

October 2018 - Present

Vice President of Finance

- National honorary fraternity for college band members
- Creating and managing chapter budget of over \$25,000
- Volunteer for the music programs at local schools, serve the Longhorn Band, and the community

PyNets, Austin TX

September 2020 - Present

Assistant Programmer

- Leading transition of software from Linux to Windows
- Creating and revising unit tests for Python based supercomputing

Evolutionary Biology Undergraduate Group

September 2020 - Present

Member

- Using Unix command line for scripting and programming
- Data visualization in phylogenetics using R

Additional Information

Technical / Computer Skills: Proficiency in Python, Linux, JavaScript, C++, Fortran, Object Oriented Programming

Awards: Recipient of Longhorn Creator's Excellence in Creativity Award, Todd and Belinda Linstrum Scholarship

Projects: Lead artist and Programmer on indie game *tankerTot* (<https://basilio0505.itch.io/tankertot>)

Language: Fluent in Spanish

WORK EXPERIENCE

HEB, Austin, TX

June 2019 – Present

Partner

- Collaborated with sales associates to ensure high quality transactions.
- Responsible for the inspection and replacement of items not up to company standard.