**Jessica Lau**

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**Objective**

Hard working graduate seeking to enter the workforce and apply my knowledge to create software solutions. I have learned patience through research, work well with others to find solutions, and have the diligence to analyze and sort through data.

**Education**

**August 2016 – May 2020**, *University of Texas at Austin*

* Bachelor of Arts in neuroscience and computer science
* *Relevant coursework*: organic chemistry, neural systems, genetics, physics, game development, mobile computing, synaptic physiology, programming and data analysis for modern neuroscience, graphics and visualization, web programming.

**Honors**

AP Scholar with Distinction

University Honors, *University of Texas at Austin*

**Work Experience**

**August 2018 – May 2019, January 2020 – May 2020**, *Student researcher*

* managing, feeding, running, performing cocaine and food conditioned place preference sessions with rats, and training other students to assume my responsibilities
* practiced electrophysiology and recorded neurons from the nucleus accumbens in mice
* collected both conditioning and electrophysiology data for Dr. Hitoshi Morikawa’s research and laboratory

**May 2018 – June 2018**, *Summer research paid mentor*

* mentored a group of high school students receiving course credit through a program partnered with the university
* taught the proper handling of laboratory property, explained the purpose of laboratory techniques, and assisted with revising final papers

**January 2018 – May 2018**, *FRI research mentor*

* mentored incoming freshman in the FRI program and oversaw all use of various lab materials
* demonstrated proper use of equipment, how to safely execute various techniques, restocked all chemicals, and maintained laboratory cleanliness and safety

**Technical and Personal Skills**

**Programming Languages:** *Basic ability with:* R, Python, JavaScript, HTML, Swift.

**Industry Software Skills:** ChemDraw, MestreNova, PyMol, MS Office products, Aseprite, Tiled, XCode, GitHub, Processing, Jupyter Lab, and MySQL.

**References**

Available upon request