**Joshua Weibling**

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**OBJECTIVE**

Seeking an internship in electrical engineering for summer 2016.

**EDUCATION**

* University of Houston, Cullen College of Engineering – Houston, TX

Pursuing Honors Bachelor of Science in Electrical Engineering. Graduation 2018

With minors in Mathematics, Nano Engineering, and Business.

**PROJECTS**

* Neuroinformatic Analysis of Cytoarchitectural Neighborhoods
  + Developed a posterior analysis of brain cell neighborhoods utilizing voronoi tessellation.
  + Collected geometric statistical data relating neurons and glia cells.
  + Presenting at Undergraduate Research Day at the University of Houston
* Co-authored “Bringing the Classics Back to the Classroom to Enhance Learning Experience”
  + Assisted in developing a new curriculum for a freshmen course.
  + Integrated programming design with hardware design using low-cost materials.
  + Presented at Spring 2016 Mid-Atlantic ASEE Conference.

# **WORK EXPERIENCE**

* Research Assistant at the University of Houston, ECE Department May 2016 – Present
  + Pioneered the study of cytoarchiteomics.
  + Performed posterior analysis of brain cells.
  + Conducted both independent and collaborative research.
* Teaching Assistant at the University of Houston, ECE Department Dec. 2015 – May 2016
  + Assisted in the development of curriculum
  + Hosted regular laboratory hours graded all assignments
  + Held independent lectures

**ACHIEVEMENTS**

Summer Undergradute Research Fellowship Scholarship

Honors College Admission