Bruce Luo

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Education

2018 - Present — **University of Texas at Austin**, *Austin, TX*
- BS Computer Science
- GPA: 4.0
- Expected May 2022
- Coursework: Data Structures, Discrete Math, Computer Architecture, Stats and Probability, Linear Algebra, Competitive Programming

Work Experience

Jan. 2018 - June 2018 — **Tutor**, *Mr. Jans Math Class*, Katy, TX
- Tutored high school students in various subjects
- Statistics, Algebra, Precalculus, Geometry, Chemistry

Projects

- *Subreddit Scraper* - A script that gathers relevant data from Reddit and records it in a localized database
- *Random Writer* - Builds a saveable stochastic model (Markov Chain) of input data and outputs a stream of similar but randomly generated data - written in Python, final project for CS 109: Python Programming
- *Ascent* - A vertical scrolling, procedurally generated 2D platformer, made with Unity, for the EGaDs Fall 2018 Game Jam - implemented UI and platforming elements

Activities

- Texas FinTech - Technology Analyst
- Mobile App Development (MAD)
- Electronic Game Developers Society (EGaDs)

Honors

- National Merit Finalist
- National AP Scholar

Scholarships

- Recipient of the *SLOPA Scholarship* . A program funded by the Seven Lakes Orchestra Parents Association, awarded based on musical and academic merit

Skills and Interests

- Proficient: Java, Python
- Familiar: C, Lisp, gdb, Linux, SQL
- Exposure: x86, Agile, C++, JavaScript
- Interests: Fintech, Cloud computing, Audiophile, App/Game development, Attending hackathons, Playing violin, Reading, Basketball, Fishing