corder.tech
keybase.io/corder

Corder Guy

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Education:

- **Texas A&M University**, College Station, TX — Fall 2014 - May 2019
  Computer Science, Bachelor of Science
  Cybersecurity, Minor
  Mathematics, Minor
  GPA: **3.4**/4.0

Technical Skills:

- Programming and software:

Python	C++	LaTeX	git
Linux	Windows	vim	gdb

- Computer hardware and software support

Projects:

- **Mobile App** — Spring 2018
  Designed and programmed the back-end of a mobile app that provided a competitive multi-player exercise plan, using `httpd`, Python, and SQLite.
- **Software Rasterizer** — Spring 2018
  Created a program in C++ that read a 3D model file and rendered it to a 2D image, using an orthographic projection and z-buffering.
- **Bus Route Webapp** (team of 3) — Spring 2017
  Designed and programmed the back-end of a webapp that interacted with Texas A&M's transportation API and mapped bus routes onto Google Maps, using Typescript.
- **Database** (team of 3) — Spring 2017
  Designed and programmed an SQL-like database in C++ in tandem with another team of students. Each team developed and documented a back-end, then swapped to create a front-end for the other team's back-end.

Work Experience:

- **Texas A&M Live Lab** — Summer 2017
  Student Developer
  Worked on the video game *Variant: Prime*, an edutainment calculus game by Triseum. Responsibilities included implementation of an interactive mathematics manipulation environment using C# and the Unity game engine.
- **Teacher Retirement System of Texas, Austin, TX** — Summer 2015
  Technical Support Intern
  Helped employees with computer- and network-related issues. Responsibilities included preparing and deploying workstations for new and existing employees, as well as monitoring ongoing computer operations and alerting appropriate staff of problems.

Honors:

- **TAMU Engineering Honors**
- Recipient of 4 scholarships funding 70% of tuition:
  - National Merit Scholar Recognition Scholarship
  - National Merit Scholarship
  - President's Endowed Scholarship
  - TAMU CSCE Industrial Affiliate Program Scholarship

Notable Awards:

- **Eagle Scout** Project: educational garden outlining ecological regions of Texas. — Fall 2013