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Corder Guy

4341 FM 535
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Objective:

- Seeking summer 2017 internship in Software Engineering, with particular interest in back-end development.

Education:

- **Texas A&M University**, College Station, TX Fall 2014 - December 2018
Computer Science, Bachelor of Science; Cybersecurity minor
Graduation: **December 2018**
GPA: **3.2/4.0**

Technical Skills:

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|------------------|-------------------------------|--------|------|
| • Programming: | C++ | Python | Java |
| | MATLAB | LaTeX | Git |
| • Windows, Linux | • Computer hardware servicing | | |

Projects:

- **Database** (team of 3) Spring 2017
Designed and programmed a basic implementation of a SQL-like database back-end, as well as a corresponding front-end, both in C++.
- **Memory Allocator** (team of 2) Spring 2017
Designed and implemented a buddy-system memory allocation system in C++.
- **Interpreter** Fall 2016
Implemented an interpreter for a given programming language specification and grammar in Haskell.
- **Hardware Computer** Summer 2016
Designed and assembled a basic Von Neumann machine using a Hardware Description Language.
- **Boggle Clone** Fall 2015
Designed and programmed a clone of Boggle in C++ using the FLTK graphics library. Included custom level sizes and persistent highscores.
- **Pellet Dispenser** Spring 2015
Built a machine to read an input barcode and dispense the corresponding pellets.
- **Autonomous Robot** Fall 2014
Built an autonomous robot to navigate a field with obstacles and perform various tasks.

Work Experience:

- **Teacher Retirement System of Texas, Austin, TX** Summer 2015
Technical Support Intern
Helped employees with computer- and network-related issues
Prepared and deployed workstations for new and existing employees
Monitored ongoing computer operations and alerted 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 outline ecological regions of Texas November 2013
- AWANA Games: 1st place region-wide 2013
- FIRST Robotics Competition: 1st place state-wide 2008