Reid Schneyer

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Objective: Obtain a full-time position in Embedded/Firmware Engineering or Hardware design

Work Experience

- **Hardware Engineering Intern -** *Igor Inc, Des Moines IA*   Summer 2021
  - Designed, created, and used test fixtures for 3rd party lighting devices
  - Created and updated new & existing documentation for internal use
- **Tutor -** *ISU Academic Success Center, Ames IA*   Aug - Present
  - Led tutoring groups for Digital Logic, Electronic Circuits & Systems
- **IoT Development Intern**- *Nebullam Inc, Ames IA*   Feb-March 2020
  - Worked on a web dashboard for controlling aeroponics systems
- **Application Development Intern**- *Hy-Vee Technology Center, Grimes IA*   Summer 2019
  - Created accounting dashboards for internal use with ReactJS
  - Scaffolded REST APIs in C# using EFCore
  - Wrote tests for React frontend and .NET backend
- **Junior Developer**- *Arreya Digital Signage, Hiawatha IA*   2017-2019
  - Created a meeting room signage webapp (arreya.com/rooms)
  - Documented and fixed bugs in Arreya's software
- **Sales Associate** - *Office Max, Cedar Rapids, IA*   2016-2017
- **Systems Engineering Intern** - *Collins Aerospace, Cedar Rapids, IA*   Summer 2016

Skills

- **Languages**: C, VHDL, Java, Javascript
- **Software**: Git, KiCAD, Vivado 2020.1
- **Leadership/Teamwork/Volunteering**:
  - FIRST Lego League: *Competition Referee, 2017-Present*
  - BSA Troop 560: *Senior Patrol Leader; 'National Youth Leadership Training' Staff, Eagle Scout*
  - Linn-Mar High School Robotics Team: *4 Year Team-member; Scouting Team Leader*

Projects

- **microCART Mini Senior Design Project**
  - Working on a team to create micro quadcopter drones for advanced embedded systems class
- **Custom Mechanical Keyboard PCBs**
  - Designed and assembled multiple keyboards using KiCAD and QMK firmware
    - github.com/RSchneyer/splitish & github.com/RSchneyer/masochist

Education

- **Iowa State University**   2019-Present
  - Bachelor's of Science in Computer Engineering
  - Expected graduation: May 2022
- **Kirkwood Community College** - Cedar Rapids IA   2017-2019