

Reid Schneyer

Street Address

reid.computer
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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 & Minor in Beverage Management
 - Expected graduation: May 2022
- **Kirkwood Community College - Cedar Rapids IA** 2017-2019