# Aaron J. Sletten

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## EDUCATION

**North Dakota State University**                                   Fall 2015
- B.S. in Computer Science
- Anticipated Graduation                                            Spring 2020
- **Achievements:** 3.8 GPA
- **Favorite Classes:** Algorithms and Data Structures, OS, Comparative Programming Languages

## WORK EXPERIENCE

**Appareo**                                                         Fargo, ND
*Software Engineer Internship*                                      May 2018-Present
- Built an environmental lab monitor and data visualization tool in NodeJS
- Created file archiver and database entry tool for test department data logging
- Developed an automated imaging system for IOS to speed up data collection for neural network training
- Wrote Python parsers and visualization tools for tractor diagnostic files

**Daniel Sletten Farms**                                            Larimore, ND
*Farm Hand*                                                         2011-2017
- Fixed various electrical and mechanical problems around the farm
- Planted, fertilized, sprayed, harvested, and transported all farm products
- Performed maintenance on all farm equipment and buildings

## PROJECTS

- **Positioning System:** Minimalist positioning system for an Arduino based quadcopter
- **IMU Data Collection:** IOS app that logs data from an IMU over Bluetooth for neural network training
- **Endangered Species Map:** Python script that automates Google Earth KML file creation

## SKILLS

- **Languages:** Java, JavaScript, Python, HTML, C#, Swift, C, Objective-C, SQL
- **Technologies:** OOP, NodeJS, MongoDB, mySQL, NGINX, Windows 10 WPF, IOS Arduino, Raspberry Pi
- **Electromechanical:** Basic circuit tracing and design, home wiring, heavy equipment operation/maintenance, power tool operation (lathe, mill, planer, band saw, etc.), welding (MIG, stick, acetylene), metal casting

## LEADERSHIP AND INVOLVEMENT

- NDSU Coding Challenge                                             2018-Present
- NDSU Track and Field Team                                         2015-2017