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

AppareoSoftware Engineer Internship

Fargo, ND

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