

Liam Niehus-Staab

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Education

Grinnell College

BACHELOR OF ARTS COMPUTER SCIENCE MAJOR

- GPA: 3.65
- Deans list Spring and Fall 2016

Grinnell IA, USA

Expected Graduation 2020

Experience

Village Cook

CONCORDIA LANGUAGE VILLAGES, EL LAGO DEL BOSQUE

- Worked under the head chef fixing daily meals for campers and washing dishes.

Bemidji, MN

July-August 2016

Camp Counselor

CONCORDIA LANGUAGE VILLAGES, EL LAGO DEL BOSQUE

- Worked under Diane Tess as a Spanish immersion camp counselor, teaching children aged 6-18 Spanish conversational skills, and cultural knowledge.

Bemidji, MN

July-August 2017

Robot Programmer

FIRST ROBOTICS COMPETITION, TEAM 6002

- Wrote Java code for the robot's basic abilities and autonomous mode.

Kalamazoo, MI

Oct. 2015 - May 2016

Volunteer

POWESHIEK ANIMAL LEAGUE SHELTER

- Cleaned, cared for, and socialized cats and their environment.

Grinnell, IA

Sep. 2016 - Current

Research Assistant

UNDERGRAD RESEARCH PROJECT, IMAGE SYNTHESIS FOR MACHINE LEARNING

- Developed a program to generate synthetic training data for a text recognizing CNN.
- See code at <https://github.com/niehusst/MapTextSynthesizer>

Grinnell, IA

June-August 2018

Team Captain

GRINNELLPHANTS ULTIMATE FRISBEE

- Gained experience as a teacher and leader.

Grinnell, IA

August 2018 - May 2019

Full Stack Developer

THE GRAMMIEGRAM COMPANY

- Developed the backend for user preferences using Python and the Django framework
- Constructed and maintained unit testing for the majority of the web app
- Designed frontend UI for the contact management page using JavaScript and Bootstrap
- Gained experience working remotely with a team using Git version control

Grinnell, IA

April 2018 - Current

Head of Android Development

THE GRAMMIEGRAM COMPANY

- Lead a team of three in creating the GrammieGram Android app and integrating it with the rest of our platform.
- Practiced test driven development strategies

Grinnell, IA

August 2018 - Current

Software Engineer

APPDEV GRINNELL

Grinnell, IA

January 2018 - Current

- Developed the Grinnell Directory Android application
- Gained experience writing tests using JUnit and Espresso

Skills

COMPUTER

Programming JAVA, C/C++, Python, JavaScript
Web Django, HTML5, CSS

SPOKEN LANGUAGES

Languages English, Spanish

Interests Activities

Ultimate Frisbee

- I enjoy being part of a team and cooperating with others

Android App Development

- Making useful apps that help me with daily problems or tasks