

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

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.
- Developed in an agile environment using a test driven approach

Grinnell, IA

August 2018 - Current

Software Engineer

APPDEV GRINNELL

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

Grinnell, IA

January 2018 - Current

Research Assistant

UNDERGRAD RESEARCH PROJECT, IMAGE SYNTHESIS FOR MACHINE LEARNING

- Developed a program to generate synthetic training data for a text recognizing CNN.
- Training the neural network on data from our synthetic data generator improved performance over training on industry standard scene text data sets.

Grinnell, IA

June-August 2018

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-August 2018

Skills

LANGUAGES

Programming JAVA, C/C++, Python, JavaScript

Web Django, HTML5, CSS

Spoken English, Spanish

Interests and Activities

Team Captain

GRINNELLEPHANTS ULTIMATE FRISBEE

- Gained experience as a teacher and leader.
- I enjoy being part of a team and working with others

Grinnell, IA

August 2018 - May 2019

Android App Development

PERSONAL PROJECTS

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