Liam Niehus-Staab

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Education

Grinnell College   *Grinnell IA, USA*

BACHELOR OF ARTS COMPUTER SCIENCE MAJOR   *Expected Graduation 2020*

- GPA: 3.65
- Deans list Spring and Fall 2016

Experience

Research Assistant   *Grinnell, IA*

UNDERGRAD RESEARCH PROJECT, IMAGE SYNTHESIS FOR MACHINE LEARNING   *June-August 2018*

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

Full Stack Developer   *Grinnell, IA*

THE GRAMMIEGRAM COMPANY   *April 2018 - Current*

- 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

Head of Android Development   *Grinnell, IA*

THE GRAMMIEGRAM COMPANY   *August 2018 - Current*

- 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

Software Engineer   *Grinnell, IA*

APPDEV GRINNELL   *January 2018 - Current*

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

Robot Programmer   *Kalamazoo, MI*

FIRST ROBOTICS COMPETITION, TEAM 6002   *Oct. 2015 - May 2016*

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

Skills

LANGUAGES

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

Interests Activities

Team Captain   *Grinnell, IA*

GRINNELLEPHANTS ULTIMATE FRISBEE   *August 2018 - May 2019*

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

Android App Development

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