Devin Lehmacher

232 Kings Way, Clemson, SC 29631, USA djl329@cornell.edu • +1 (864) 722–3014 • github.com/lehmacdj

EDUCATION (

Cornell University, Ithaca, NY 14853

Aug 2015 — Present

- Bachelors of Arts, degree anticipated May 2019
 - Majors: Computer Science and Biology
 - Cumulative GPA: 3.39

CLASSES

CS 3110, Functional Programming and Data Structures

Spring 2016

- OCaml: Standard library, Async, Functional programming techniques
- Type theory, propositional logic, constructive real numbers, convex hull problem
- Data Structures: Splay trees, Monads, Modules, Functors
- Language evaluation: wrote an interpreter for a subset of OCaml

CS 3410, Computer System Organization and Programming

Fall 2016

- Digital design using Logisim, MIPS assembly, C
- Processor design: built a fully pipelined MIPS processor instructions
- Memory management: implementation of malloc in C

CS 2110, Object Oriented Programming and Data Structures

Fall 2015 — Fall 2016

- Java: Standard library, Collection / Stream interfaces, Swing
- Data Structures: Linked Lists, Trees, Heaps, Graphs
- Algorithms: Dijkstra's algorithm, tree / graph traversal
- Course assistant for the past two semesters
 - · Office hours several times each week
 - Grading assignments, exams, and final

RESEARCH EXPERIENCE

Clemson University, College of Science

Jun 2015 — Present

- Undergraduate Research Student, Physics and Astronomy
 - Project: MedusaLoop: Protein Loop Modeling Server
 - Supervisors: Dr. Feng Ding
 - Research areas: Protein loops, web development, linux, shell scripting

• Responsible for helping other students be successful in CS 2110.

OTHER WORK EXPERIENCE

SKILLS

CS 2110 Consultant, Cornell University

Feb 2016 — Present

- OCaml: Standard Libraries, OCaml Core (Janestreet)
- Vim
- Commandline: zsh, bash, all standard command line utilities
- Linux
- Swift: Foundation, UIKit

■ Java: Standard Libraries

- LATEX
- Perl
- C++
- C

LANGUAGES

- English: Native language.
- German: Advanced (speaking, reading, writing).
 - Raised speaking German at home.
- Spanish: Intermediate (reading, reading, writing).

INTERESTS

Board games, Outdoors, Hearthstone, Running.