Devin Lehmacher

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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

OTHER WORK EXPERIENCE	**CS 2110 Consultant**, Cornell University	Feb 2016 — Present

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

SKILLS	

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