

evanbergeron

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programming

Python
C

technologies

Regex
Unix
LaTeX

coursework

15-122

principles of imperative
computation

15-112

fundamentals of
programming and
computer science

21-228

discrete mathematics

21-373

abstract algebra

languages

fluent english
conversational chinese

awards

deans list
national merit finalist

education

2013–2017

CARNEGIE MELLON UNIVERSITY

Pittsburgh, PA

Bachelor of Science in Computer Science and Mathematics

Minor in Chinese Studies

QPA: 3.64 / 4.0

experience

Fall 2014 -

CARNEGIE MELLON UNIVERSITY

Pittsburgh, Pennsylvania

15-112 Teaching Assistant

Mentored students one-on-one.

Held recitation and office hours.

Coordinated grading rubrics with other TAs.

Graded homework.

June 2014

CARNEGIE MELLON UNIVERSITY

Pittsburgh, Pennsylvania

Research Assistant under Dr. Greggo Johnson

Extended Giuga's conjecture to prime ideals.

Wrote python scripts to generate Giuga sequences.

Reviewed existing literature.

Spring 2014

CARNEGIE MELLON UNIVERSITY

Pittsburgh, Pennsylvania

Concepts of Mathematics Grader

Graded proof-based homeworks and tests.

Coordinated grading rubric with TA.

2012–2013

LEGENDS DRUM AND BUGLE CORPS

Kalamazoo, Michigan

Section Leader | Percussionist

Led 14 other percussionists for two months performing around the US.

projects

July 2014

MARKOV TEXT GENERATOR

Random text generation from multiple corpora

Used Markov chains to generate random text from an arbitrary number of sample texts.

May 2014

WHEN DO I AGE OUT?

Bootstrap and JS webapp to calculate age-out year in DCI and WGI

DCI and WGI are the NFL of marching band. There's an age cap, but the rules are confusing. I wrote this webapp to make things easier. You plug in your birthdate, it plugs out a year. Now used in the community at large.

whendoiageout.herokuapp.com

April 2014

CRSGRPHR

A Graph Theoretic Course Prerequisite Tool

Used python, regex, and Tkinter to create a visualization tool to show course prerequisite structure at CMU. Course data was scraped from the web. Visualization was aided with spring-system physics simulation.