

Connor Hennen

connorvhennen@ucla.edu | 707.327.7984

EDUCATION

UCLA

COMPUTER SCIENCE

STATISTICS

GPA: 3.71

Expected Jun 2018 | Los Angeles, CA

LINKS

Github:// [connorvhennen](#)

LinkedIn:// [connorvhennen](#)

COURSEWORK

Advanced Programming in R

Python with Applications

Statistical Modeling

Machine Learning

Data Analysis and Regression

Mathematical Statistics

Data Structures and Algorithms

Computation and Optimization in R

Advanced Programming in C++

Java with Applications

AWARDS

UCLA DATAFEST HACKATHON

FIRST PLACE | 400 STUDENTS

Apr 2017 | Los Angeles, CA

NORTHROP GRUMMAN HACKATHON

THIRD PLACE | 200 EMPLOYEES

Aug 2017 | San Diego, CA

SKILLS

ADVANCED

Python • C++ • R • Java • Git

Machine Learning

PROFICIENT

SAS • SQL • JavaScript • CSS3

HTML5 • LaTeX • PHP • NLP

SOCIETIES

2014 - Present UCLA Men's Club Soccer

2015 - Present Statistics Club at UCLA

2015 - Present UCLA Computer Science Association

2016 - Present Youth Movement Against Alzheimer's

EXPERIENCE

NORTHROP GRUMMAN | SOFTWARE ENGINEERING INTERN

June 2017 - Sept 2017 | San Diego, CA

- Performance ranked in top 10% of all interns in end of summer review.
- Built analysis dashboard and platform in C++ and Python used by senior engineers to draw meaningful conclusions and visualize large amounts of data.
- Reduced time needed for prominent system functional test from three hours to half hour using pattern recognition in Python.

TUTORFLY | SOFTWARE DEVELOPER/DATA SCIENTIST

Oct 2017 - Present | Los Angeles, CA

- Implemented JavaScript data manipulation functions that pull JSON data and convert it to a usable format for pre-existing React components.
- Executed gradient boosting and decision trees algorithms to improve performance of targeted ads and promotions.

UCLA OFFICE OF ACADEMIC PLANNING AND BUDGET | DATA SCIENCE INTERN

Oct 2017 - Present | Los Angeles, CA

- Web-scraped large amounts of data relevant to the UCLA student body.
- Built machine learning models to predict the optimal numbers and sizes of classes based on historical data, attributes of newest freshman class, etc.

UCLA DEPT OF STATISTICS | UNDERGRADUATE SEMINAR INSTRUCTOR

Sept 2016 - June 2017 | Los Angeles, CA

- Prepared curriculum and taught fundamentals of computer programming, machine learning, and statistics.

TECHNICAL PROJECTS

MONOPOLY DESKTOP APPLICATION | C++, QT

May 2017 - June 2017 | Los Angeles, CA

Created desktop app for the popular monopoly board game of monopoly.

Incorporated different AI attack algorithms for varying levels of CPU player difficulty.

NATURAL LANGUAGE PROCESSING IN NOVELS | PYTHON

July 2017 - Present | Los Angeles, CA

Wrote scripts that can web-scrape text of over 1900 novels and then analyze to identify main characters and evaluate relationship strengths and sentiments.

POKÉMON GENETIC ALGORITHM AI | PYTHON

Sept 2017 - Present | Los Angeles, CA

Scraped names and attributes of 251 Pokémon. Developing algorithm that fights them against each other, and eliminates the losers and breeds the winners.

CLASS AVAILABILITY NOTIFICATION APPLICATION | PYTHON

May 2017 | Los Angeles, CA

Created desktop app that sends a text message via Twilio if space opens up in a class selected by user. App is currently used by a several dozen friends and classmates.

CHEAP FLIGHT FINDER APPLICATION | PYTHON

Sept 2017 | Los Angeles, CA

Created desktop app that finds the cheapest possible combination of flights available and predicts future fluctuations in prices. Cost savings take advantage of flights with layoffs in user's final destination in particular.